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NURSE TRAINING SCHOOLS  
1917-18

PREPARED BY THE STATISTICAL DIVISION  
OF THE BUREAU OF EDUCATION UNDER  
THE SUPERVISION OF H. R. BONNER,  
COLLECTOR AND COMPILER OF STA-  
TISTICS.

Advance Sheets from the Biennial Survey of Education  
in the United States, 1916-1918



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## NURSE TRAINING SCHOOLS, 1917-18.

CONTENTS.—Reasons for separate treatment—Methods of tabulation formerly used—Classification of schools—Pupils and graduates—Requirements for admission—Hours of duty required—Remuneration of pupils—Tuition—Years in nurse training course—Nurse training schools affiliated with colleges and universities.

### REASONS FOR SEPARATE TREATMENT.

Hitherto the statistics of nurse training schools have been included with those of theology, law, medicine, dentistry, pharmacy, and veterinary science in the chapter of the Annual Report of the Commissioner of Education devoted to professional education. This year (1918) the statistics of the other professional schools are included in the chapter on colleges, universities, and professional schools, and the statistics of nurse training schools are printed separately. It is highly desirable this year to publish detailed statistics of each nurse training school reporting to the Bureau of Education, especially since no printed lists or statistics of these schools have appeared during the past seven years. In 1912 this bureau published a bulletin entitled, "Educational Status of Nursing," prepared by M. Adelaide Nutting, of Columbia University, in which detailed statistics were given for the school year 1910-11, and in which the leading tendencies in the education of professional nurses were pointed out.

Since that date the Bureau of Education has published only summary tables for these schools. Within the past few years the subject of nurse training has received so much attention that it is thought desirable this year to publish a special chapter on these schools, giving detailed information regarding each school and summary tables by States, and pointing out a number of the most pronounced conditions and tendencies as revealed by the data contained herein.

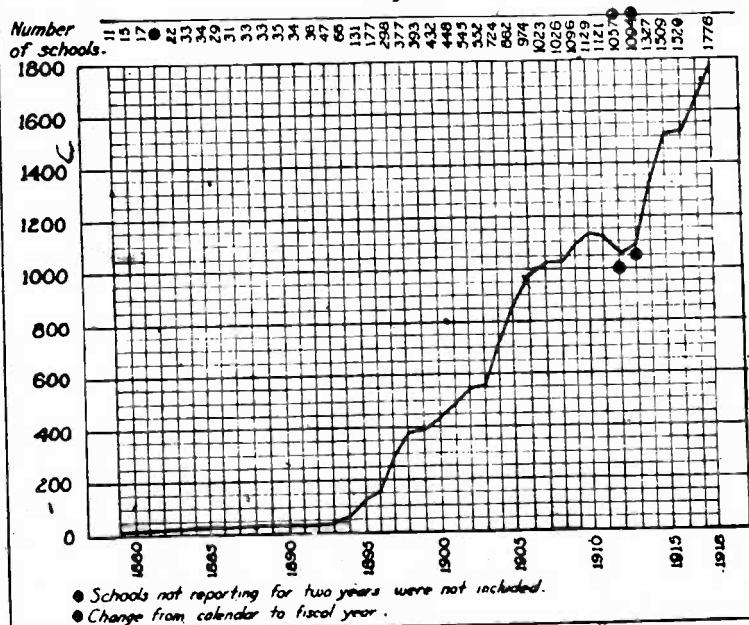
It will be noticed that all schools known to be in existence have been included, whether they were able to submit a report or not. The list, therefore, forms a complete directory of these schools. No reports for the year 1916 have been incorporated in the statistics contained herein. The revision of the blank statistical form used in collecting data from these schools precluded this possibility. If a school failed to report in 1918, only the name and location of it are given in this chapter. If estimates had been made for the 67 schools not reporting this year, the statistics would have shown a much greater increase than is shown in the following pages:

## METHODS OF TABULATION FORMERLY USED.

Hitherto, except in 1917, an attempt was made annually to secure a complete report from all schools, so that the statistics would represent the whole nurse training situation throughout the country. Often it became necessary to use the reports for the preceding year, to make the statistics complete. For instance, if a school did not report in 1916 the report of that school for the preceding year was incorporated in the statistics then compiled. An office ruling in force in 1912 and in 1913, to the effect that any school in arrears for two years with its report should be dropped from the list of schools

TOTAL NUMBER OF NURSE TRAINING SCHOOLS REPORTING.

Fig. 1.



maintained in the Bureau of Education, cut down the aggregate statistics for those years as will appear below. If a school did not report for two consecutive years it was deemed a "dead school." The result of this procedure is shown in figure 1.

## CLASSIFICATION OF SCHOOLS.

As in preceding reports, all schools have been divided into two classes: First, schools maintained in hospitals which are more or less of general character and function, and second, schools maintained in hospitals for the treatment of insane patients. It should be remarked, however, that many schools classified in the first group offer highly specialized training courses, but for the sake of convenience in

## NURSE TRAINING SCHOOLS, 1918.

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referring to them they all have been designated as nurse training schools in "general hospitals." These two types of schools have been treated separately throughout except in figures 1 to 5, which are historical in nature and in which the totals for both types of schools have been combined. The reasons for continuing this classification are self-evident, as will appear in the comparative figures which follow.

Postgraduate and special training schools have not been grouped in a separate table, but have been inserted in their proper places in the table-giving the detailed statistics on general hospitals. They, however, can be readily ascertained by glancing down the column on "educational requirements for admission" where they have been definitely indicated. Possibly several other schools offering short courses are also graduate or special training schools, but the reports did not so indicate. In all, there are only nine graduate schools and five special training schools with short courses of instruction. In addition, four other schools offer a special course to pupils registered in other hospitals.

TABLE I.—*Comparative statistics of nurse training schools, 1879-1918.*

Years, 1	Schools, 2	Nurse pupils, 3	Gradu- ates, 4	Capacity of hospitals, (beds), 5	Average daily num- ber of patients, 6
1	2	3	4	5	6
1879	11	298	141		
1880	15	323	157		
1881	17	414	133		
1882-83	22	475	124		
1883-84	33	579	221		
1884-85	34	793	218		
1885-86	29	837	349		
1886-87	31	989	335		
1887-88	33	1,093	421		
1888-89	33	1,248	431		
1889-90	35	1,552	471		
1890-91	34	1,613	527		
1891-92	36	1,862	582		
1892-93	47	2,338	786		
1893-94	66	2,710	970		
1894-95	131	3,985	1,498		
1895-96	177	5,094	1,773		
1896-97	298	7,243	2,498		
1897-98	377	8,805	3,027		
1898-99	393	10,018	3,132		
1899-1900	432	11,004	3,466	84,227	
1900-1901	448	11,599	3,710	85,193	
1901-2	545	13,252	4,015	105,435	
1902-3	552	13,779	4,296	112,407	
1903-4	724	17,713	5,333	130,930	
1904-5	802	19,824	5,795	145,508	
1905-6	974	21,652	6,400	160,063	
1906-7	1,023	21,119	6,759	176,026	
1907-8	1,026	26,457	6,759	185,932	
1908-9	9,090	20,300	7,017	190,012	
1909-10	1,120	32,036	8,140	214,507	
1910-11	1,121	29,805	7,720	194,236	
1911-12	1,057	32,389	8,062	199,172	158,606
1912-13	1,084	34,417	9,937	202,857	158,389
1913-14	1,327	39,597	10,234	233,748	173,640
1914-15	1,509	46,141	11,118	256,325	185,409
1915-16	1,520	47,611	11,520	203,333	198,174
1916-17	1,770	53,251	13,761	303,193	225,869
1917-18					

1 In so far as reported to this office.

2 Statistics were not collected for the school year 1916-17.

3 For general statistics for the school year 1917-18, see Tables 21 and 22.

## NUMBER OF SCHOOLS.

The total number of schools represented in this chapter is 1,776. Of this number, 1,692 are schools maintained in general hospitals, and 84 are schools maintained in hospitals used exclusively for the treatment of insane patients. Of the 1,692 schools in general hospitals, 65 did not, or could not, report, and only 2 schools in hospitals for the insane failed to make statistical reports. Altogether, 1,709 schools made a report, nearly all of them giving in full the data requested on the statistical blank.

By reference to figure 1 it will be observed that the number of nurse training schools has multiplied rapidly since 1903. The increases in 1914, 1915, and 1918 are pronounced. The evident decreases in 1912 and 1913 are not due to an actual decrease in the number of schools, but to the fact that if a school had failed to report its statistics for two consecutive years it was dropped from the list of schools maintained in the Bureau of Education, and consequently was considered a "dead school." From 1879, when this bureau first collected the statistics of nurse training schools, to 1893 the number of schools reporting did not exceed 100. Since the latter date the number of schools has increased from 66 to 1,776. The curve, however, represents the total number of such schools throughout the country which were known on the respective dates to be in existence, and not at any time the total number reporting for the current year. The curve shows graphically the rapid multiplication of schools of this type throughout the United States, which has been almost phenomenal within the last five years. Assuming that there were 1,250 schools instead of the low number of 1,094 in 1913, as accounted for above, there has been an increase of 526 schools, or 42 per cent, in five years. Approximately 100 new schools are being organized annually.

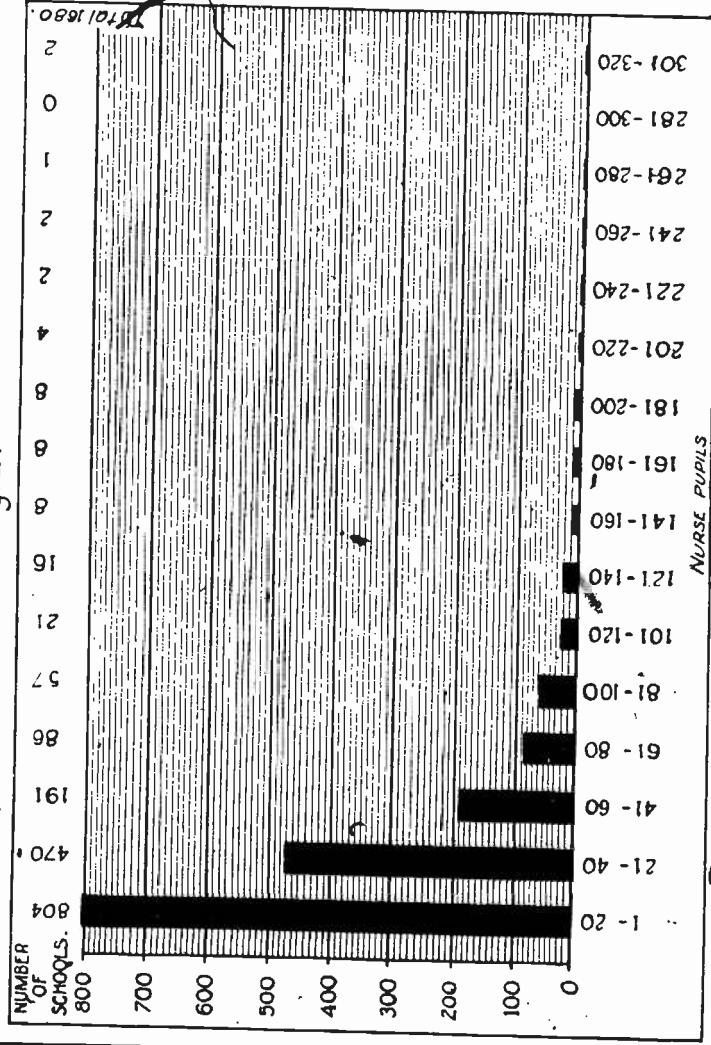
## SIZE OF SCHOOLS.

In figure 2 the nurse training schools have been classified according to the number of nurse pupils enrolled in each school. It is found that 804 schools have from 1 to 20 pupils each, and about one-half as many, 470 schools, have an enrollment between 21 and 40 pupils, inclusive. In other words, 76 per cent of the 1,680 schools reporting enrollment do not have more than 40 pupils. The school most frequently found does not enroll more than 20 pupils, as will be noted by the longest bar in the diagram. One very large school enrolls more than 300 pupils.

NURSE TRAINING SCHOOLS, 1918.

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DISTRIBUTION OF ALL NURSE TRAINING SCHOOLS ACCORDING TO ENROLLMENT  
Fig. 2.



## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 2.—Method used in computing data used in figure 3.

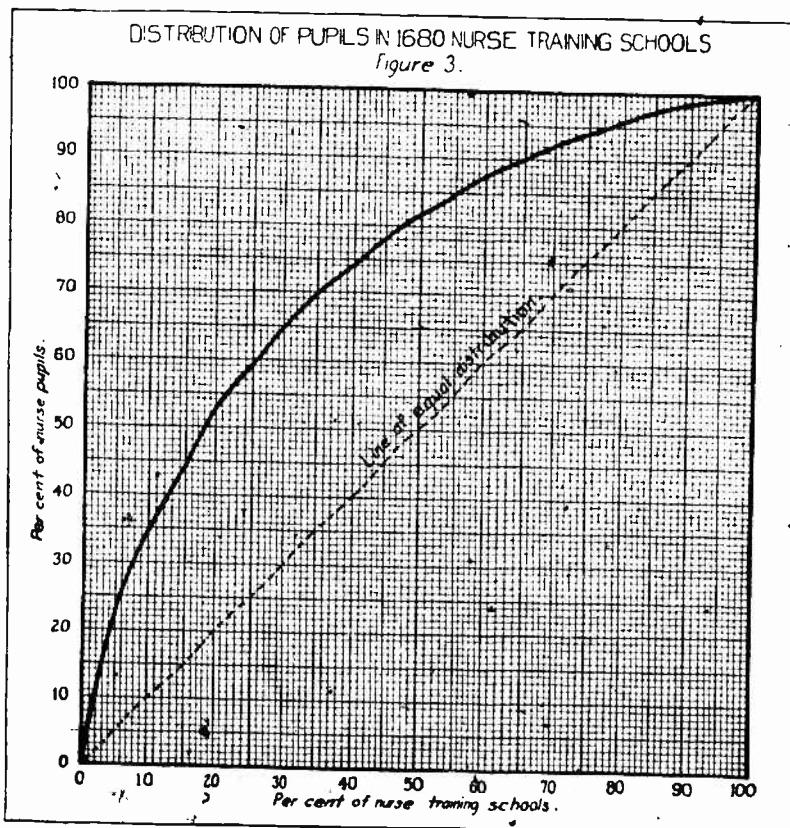
Groups.	Schools in each group.	Per cent of schools in this group and in all preceding groups.	Nurse pupils in these schools.	Per cent of pupils in each group.	Per cent of pupils in this group and in all preceding groups.	
					1	
		2	3	4	5	6
1.	84	5	12,465	22.6	22.6	
2.	84	10	6,832	12.3	34.9	
3.	84	15	5,215	9.5	44.4	
4.	84	20	4,322	7.8	52.2	
5.	84	25	3,569	6.5	58.7	
6.	84	30	3,182	5.8	64.5	
7.	84	35	2,771	5.0	69.5	
8.	84	40	2,459	4.1	73.9	
9.	84	45	2,194	4.0	77.9	
10.	84	50	1,940	3.5	81.4	
11.	84	55	1,718	3.1	84.5	
12.	84	60	1,541	2.8	87.3	
13.	84	65	1,386	2.5	89.8	
14.	84	70	1,243	2.2	92.0	
15.	84	75	1,102	2.0	91.0	
16.	84	80	975	1.8	95.8	
17.	84	85	840	1.5	97.3	
18.	84	90	655	1.2	98.5	
19.	84	95	444	.9	99.4	
20.	84	100	328	.6	100.0	
Total.	1,680	55,251	100.0			

## DISTRIBUTION OF PUPILS IN NURSE TRAINING SCHOOLS.

From the preceding figure it is impossible to tell just how many pupils are enrolled in each class of schools represented. Consequently figure 3 has been arranged to show just what percentage of pupils are enrolled in any desired percentage of schools, or vice versa. Reading from the vertical line, it is found that 50 per cent of the pupils are enrolled in about 18 per cent of the schools and 80 per cent of the pupils in about 48 per cent of the schools. Reading from the base line, it is found that 10 per cent of the schools enroll about 35 per cent of the pupils and 70 per cent of the schools enroll about 92 per cent of the pupils. If the pupils were equally distributed among all of the schools, the curve would follow the "line of equal distribution" in such a way that 50 per cent of the schools would enroll 50 per cent of the pupils, etc. The "bowing" of the curve away from the line of equal distribution shows the degree of inequality in the distribution of pupils among the schools. The greater the tendency of a few schools to enroll a large number of pupils the farther the curve "bows" away from the straight line and recedes toward the lower left corner of the figure. As the curve does not bend far from the line of equal distribution, it is shown that pupils in nurse training schools are rather equally distributed.

The method used in locating this curve is shown in Table 2. The enrollments in the 1,680 schools reporting such data are arranged

in order of size from the largest to the smallest and are placed in 20 groups, so that each group contains 84 schools, or 5 per cent of the total number. It is found that group 1 contains 22.6 per cent of the total enrollment in these 1,680 schools and that groups 1 and 2 combined contain 34.9 per cent of the total. These percentages are then plotted on the vertical 5 per cent and 10 per cent lines, respectively, at the points indicated on the curve. The other points are obtained and located in the same manner.

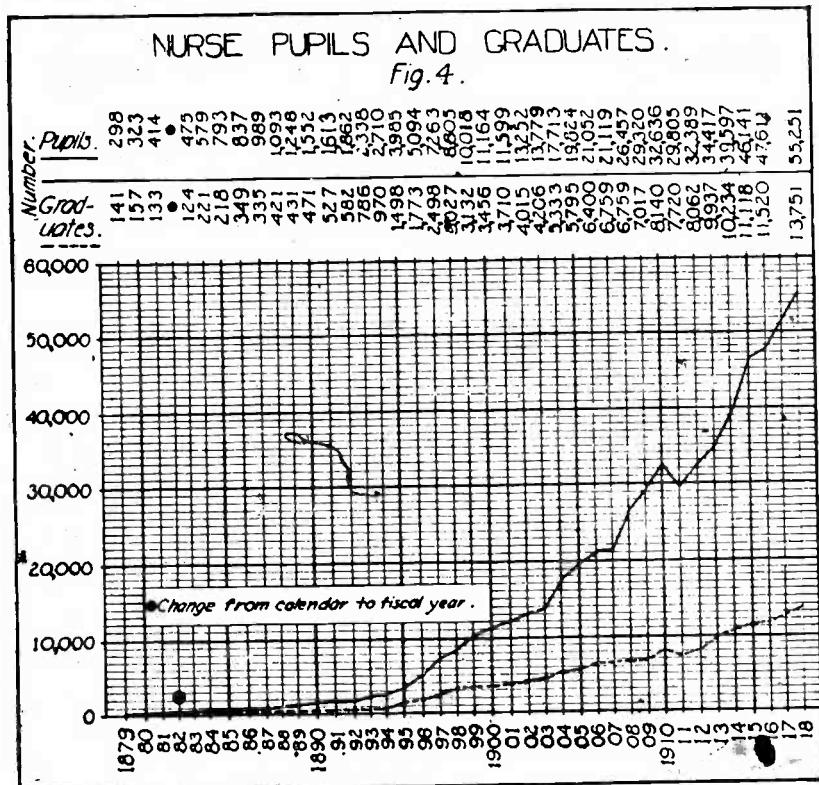


#### NURSE PUPILS AND GRADUATES.

In figure 4 the number of nurse pupils and graduates is shown for each year since 1879, except for the years 1882 and 1917 when no statistics were collected. The curve representing the number of pupils shows the same general fluctuations as were shown in figure 1, in which the total number of nurse training schools in the United States was represented. A decrease is shown for the years 1911 and 1912, but very rapid increases appear since 1912. In 1911 and

1912 each school known to be in existence was asked to make a report, but if it failed to report, statistics more than two years in arrears were not included.

The data for 1911 are particularly significant for two reasons: First, the only comprehensive study of nurse training school statistics containing data comparable to the data included herein was made by Miss Nutting in 1911. Second, these reports are all the more comparable since in 1911 the statistics are practically all for the year 1910-11, the reports two years in arrears having been rejected



as explained, and since in this report no "arrearage" data whatever have been used.

The dotted curve represents the number of graduates from nurse training schools. The relative percentage of graduates to nurse pupils enrolled has not been great in the more recent years. In the period 1894 to 1898, inclusive, 35 per cent of all pupils enrolled graduated; in the years 1899 to 1903, inclusive, 31 per cent of all pupils graduated; in the years 1904 to 1908, inclusive, 29.2 per cent of the pupils graduated; in the years 1909 to 1913, inclusive,

25.8 per cent of the pupils graduated. In the last five years the total number of graduates has been only 24.7 per cent of the total number of pupils enrolled. Within recent years about one-fourth of the pupils enrolled graduate annually, whereas from 25 to 30 years ago over one-third of the pupils enrolled graduated. It is seen, therefore, that the increase in the number of graduates has not been proportional to the increase in the number of pupils enrolled. The explanation of this tendency is probably due to the fact that many schools have lengthened the number of years in training from two to three years, thereby obliging pupils to remain longer in the hospital school to complete the required course. A smaller percentage of pupils will remain to complete a three-year than a two-year course.

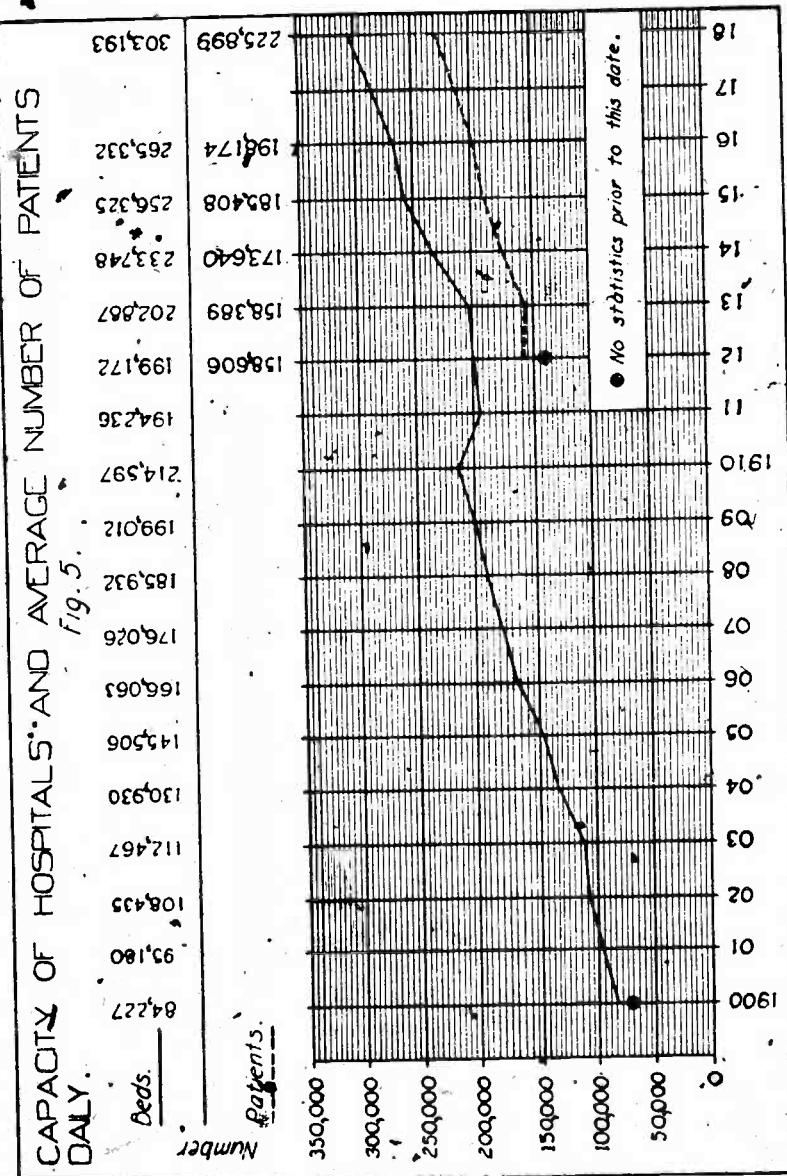
The small number of nurse training schools, nurse pupils, and graduates reported prior to the year 1893 would indicate that few professional nurses were being trained in nurse training schools. The movement for the training of professional nurses seems to have received its most marked and permanent impetus about the year 1893.

#### CAPACITY OF HOSPITALS AND AVERAGE PATIENTS DAILY.

It is important that a nurse training school have a sufficient capacity and an average number of patients daily to make the training course have most value. It is a rather generally accepted principle that a thoroughly efficient nurse training school should have, at least, a capacity of 50 beds with a daily average of 25 patients. In fact, with certain accrediting bodies a school is not recognized as a standard school unless it meets some such requirement.<sup>1</sup> Already a movement has begun looking to the consolidation of small nurse training schools. Therefore it is desirable to give to the statistics bearing on this phase of nurse training some consideration.

As will be observed from figure 5, the total number of beds, or the capacity of the hospitals in which nurse training schools are maintained, has increased rapidly since 1900, the year in which the Bureau of Education began to collect this class of statistics. Since that date the total number of beds reported has increased from 84,227 to 303,193. Out of the 1,709 nurse training schools reporting only 14 did not give the number of beds. If each one of these schools had the same average number of beds as did the schools reporting this item, viz, 180, the total capacity of all hospitals maintaining nurse training schools would be 305,713. Each year preceding 1918 also needs a corresponding corrective increment. This number still is low, since 5 of these 14 schools are in hospitals for the treatment of the insane, in which the average capacity is much greater than in

<sup>1</sup> See Bulletin No. 7, 1912, Bureau of Education, p. 19.



the general hospitals, and since 67 schools failed to submit a report. It is possible that this very great increase in the capacity of hospitals in which nurse training schools are maintained may be misunderstood, since, with the increase in the number of schools, new hospitals are not necessarily organized; but hospitals which previously maintained no nurse training school, and therefore were not asked to make a report, are now included in the list of such hospitals, thereby apparently greatly increasing the capacity of hospitals in general throughout the country, but in reality not doing so in any marked degree. These total statistics imply the correct intent when they are used in the sense that nurse pupils are now trained in hospitals having the capacity indicated for each year. Therefore, the totals as given are germane to the subject of training professional nurses.

It is of interest to note that, since 1900, the total number of nurse pupils has increased 395 per cent, while the capacity of the hospitals in which they are being trained, as shown in figure 5, has increased only 260 per cent. These facts, however, do not necessarily indicate that the opportunity afforded for a variety of training has been lessened for each individual pupil, since with the advent of larger schools, due to consolidation as well as to actual growth, a decrease in the per capita capacity does not lessen the variety of observation or practice.

By comparing the curve representing the average number of patients with that for the capacity in beds for the same year, it is found that the highest percentage of the capacity was utilized in 1912, the per cent being 79.5, and the lowest percentage was utilized in 1915, when only 72.3 per cent was shown. In 1918 the daily average number of patients was almost 75 per cent of the capacity of the hospitals. This percentage needs modification in view of the fact that annually a number of schools do not report the average number of patients, but do, generally, give the capacity of the hospital with which they are affiliated, it being much more convenient to report accurately the latter fact than to make an estimate of the former. In 1918, 70 schools in general hospitals and 10 schools in hospitals used exclusively for the treatment of insane patients did not give the average number of patients, but each one did give the capacity in beds, aggregating 28,216. Of this number, 7,018 were in general hospitals and 21,198 were in hospitals for the insane. Only 3 schools reporting the average number of patients, totaling 1,429, failed to give the number of beds. Only 11 schools, 6 in general hospitals and 5 in hospitals for the insane, gave neither capacity nor average number of patients. Altogether, 1,615 schools reported both the capacity and the average number of patients, the capacity aggregating 274,977 beds and the average number of patients aggregating 224,470. From these corresponding totals it is found

that 81.6 per cent of the capacity of hospitals maintaining nurse training schools was utilized in 1918. Owing to world war conditions, this percentage may be higher than in preceding years, but it is doubtful if it exceeds the average of preceding years. If the percentages for these years could be accurately determined and plotted on the graph, the curve representing the average number of patients would fall nearer to the "capacity" curve than it does now.

TABLE 3.—*Distribution of nurse training schools in general hospitals according to capacity (beds) and the average number of patients treated daily.*

Grouped according to capacity (beds) and the average patients daily.	Distribution as to capacity.		Distribution as to average number of patients daily.	
	Number of schools.	Percent of total.	Number of schools.	
			2	4
1	2	3	4	5
<b>600 or fewer:</b>				
1-25	162	10.1	426	27.5
26-50	470	29.0	455	29.3
51-75	313	19.3	214	13.8
76-100	187	11.6	159	10.2
101-125	115	7.1	88	5.7
126-150	112	6.9	56	3.6
151-175	50	3.1	21	1.6
176-200	52	3.1	28	1.8
201-225	19	1.2	20	1.3
226-250	28	1.6	18	1.1
251-275	14	.9	5	.3
276-300	26	1.6	9	.6
301-325	7	.4	8	.5
326-350	7	.4	9	.6
351-375	2	.1	2	.1
376-400	12	.7	4	.2
401-425	4	.3	2	.1
426-450	5	.3	5	.3
451-475	2	.1	1	.1
476-500	7	.4	3	.2
Total	1,502	98.2	1,537	98.9
<b>Over 600:</b>				
601-600	6	.4	3	.2
601-700	4	.3		
701-800	2	.1	3	.2
801-900	2	.1	1	.1
901-1,000	2	.1	1	.1
1,001-1,100	1	.1	1	.1
1,101-1,200	1	.1		
1,201-1,300	3	.2	1	.1
1,301-1,400				
1,401-1,500				
1,501-1,600				
1,601-1,700	1	.1		
1,701-1,800				
1,801-1,900				
1,901-2,000	2	.1	1	.1
2,001-2,100				
2,101-2,200				
2,201-2,300				
2,301-2,400	1	.1		
2,401-2,500	1	.1		
Total	26	1.8	11	1.1
Grand total	1,618	100.0	1,551	100.0

TABLE 4.—*Distribution of nurse training schools in hospitals for the insane, according to the capacity (beds) and the average number of patients daily.*

Grouped according to capacity (beds) and the average patients daily.	Distribution as to capacity.			Distribution as to average number of patients daily.	
	Number of schools.	Per cent of total.	1	Number of schools.	Per cent of total.
			2		
<b>2,000 or fewer.</b>					
1-100.	1	1.4		4	5.9
101-200.	5	6.6		4	5.9
201-300.	2	2.6		2	3.0
301-400.					
401-500.					
501-600.					
601-700.	1	1.4		1	1.5
701-800.	2	2.6		1	1.5
801-900.	1	1.3		2	3.0
901-1,000.	1	1.3		3	4.5
1,001-1,100.	6	7.9		1	1.5
1,101-1,200.				4	6.0
1,201-1,300.	3	3.9		4	6.0
1,301-1,400.	3	3.9		4	6.0
1,401-1,500.	8	10.5		7	10.4
1,501-1,600.	7	9.2		5	7.4
1,601-1,700.	4	5.3		3	4.5
1,701-1,800.	4	5.3		4	6.0
1,801-1,900.	4	5.3		4	6.0
1,901-2,000.	1	1.3		4	6.0
	4	5.3			
Total.			57	75.1	79.1
<b>Over 2,000.</b>					
2,001-2,500.	9	11.8		6	8.9
2,501-3,000.	1	5.3		3	4.5
3,001-3,500.	3	3.9		3	4.5
3,501-4,000.					
4,001-4,500.					
4,501-5,000.	1	1.3			
5,001-5,500.	1	1.3		1	1.5
5,501-6,000.	1	1.3		1	1.5
Total.			19	24.9	20.9
Grand total.			78	100.0	100.0

#### DISTRIBUTION OF NURSE TRAINING SCHOOLS ACCORDING TO CAPACITY IN BEDS.

By reference to Table 3 it will be noted that practically all schools in general hospitals have a capacity less than 500 beds, 1,592 schools, or over 98 per cent of the total number, falling in this large group. If all schools are classified as shown in Table 3, it is found that the most common group, that of schools having from 26 to 50 beds each, contains 470 schools, or 29 per cent of the total number. Altogether, 632 schools, or 39 per cent of the total number of such schools, have capacity of 50 beds or fewer—the minimum standard often set for an efficient nurse training school.

In hospitals for the insane, as will be observed in Table 4, three-fourths of the schools have a capacity of 2,000 beds or fewer. The most common group, that of schools having from 1,301 to 1,400 beds, has 8 schools, no central tendency for these schools, however, being evident. Only one school has fewer than 100 beds, and only eight as few as 300.

## DISTRIBUTION OF SCHOOLS ACCORDING TO THE AVERAGE NUMBER OF DAILY PATIENTS.

TABLE 5.—*Distribution of nurse training schools in general hospitals according to the average number of patients per nurse pupil, 1917-18.*

States.	Schools having an average number of patients per pupil of															Total schools.	
	Less than 1-1.9	2-2.9	3-3.9	4-4.9	5-5.9	6-6.9	7-7.9	8-8.9	9-9.9	10-10.9	11-11.9	12-12.9	13-13.9	14-14.9	15-15.9	16 and over.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States.....	99	615	443	186	59	42	23	13	9	6	8	2	4	3	13	102	1,627
Alabama.....	3	5	9	2												2	21
Arizona.....		1															1
Arkansas.....	5	4	1	1	2	1										3	12
California.....	12	31	12	6	2	2	3		1							1	14
Colorado.....	2	8	5	3	1											1	20
Connecticut.....	8	9	3		1	2										2	25
Delaware.....		2					1										3
Dist. Columbia.....	4	3	2													1	10
Florida.....	1	4	2														7
Georgia.....	2	12	7	4	1	1	1	1								4	33
Idaho.....	1	1	2	3					1	1						1	9
Illinois.....	7	42	22	13	3	4		1	1	1	2					1	102
Indiana.....	3	19	7	4		1		1									39
Iowa.....	2	34	6	4	2	1		1								1	48
Kansas.....	4	20	6	4	2	1		1								2	39
Kentucky.....	2	7	7	2			1									2	21
Louisiana.....	1	3	2	2												1	12
Maine.....	2	8	7		1	1										1	21
Maryland.....	8	5	7	2	1	1										2	26
Massachusetts.....	6	46	14	6	2	1	1	1								1	91
Michigan.....	4	16	16	5	1	1					1					1	45
Minnesota.....	2	28	10	8	2											2	52
Mississippi.....	2	7	5	1		2										1	14
Missouri.....	3	20	10	7	2	3										1	47
Montana.....	5	7	1	1				1									15
Nebraska.....		11	7	1	4	1	1									4	29
Nevada.....	1																1
New Hampshire.....	2	11	5	2		1	1		2	1						1	23
New Jersey.....	2	9	13	10	5	2		1	2	1						1	45
New Mexico.....																1	1
New York.....	5	49	42	18	4	5	6	2	1	1	2	3				3	147
North Carolina.....	2	16	12	5												2	37
North Dakota.....	10	2	1												1	2	16
Ohio.....	21	28	14	3	1		1	1				1					78
Oklahoma.....	2	11	2		2	2										3	22
Oregon.....	5	3	3	1	1	1	2	1									17
Pennsylvania.....	4	42	82	19	8	6	1	2	1	1	1	1				8	177
Rhode Island.....	6	2	2	2												1	11
South Carolina.....	1	4	6	1	1											3	16
South Dakota.....	5	2	1				1									1	11
Tennessee.....	2	7	3	3	1				1							1	18
Texas.....	4	11	7	5	1												28
Utah.....	3	2	2	2													7
Vermont.....	1	8	3														12
Virginia.....	13	10	4	1				1							1	3	35
Washington.....		5	9	7	2	2											25
West Virginia.....	1	13	13	3	1	1										1	31
Wisconsin.....	3	15	7	4	1	1		1		2	1				2	2	36
Wyoming.....	2	1						1									4

The capacity of hospitals is not so important as is the average daily number of patients, when the facilities for the training of professional nurses are considered. For this reason it is thought advisable to

include in distribution Tables 3 and 4 the number of schools reporting the average number of patients.

By reference to Table 3 it will be noted that 426 general hospitals, or 27.5 per cent of the total number of hospitals reporting this item, do not report more than 25 daily patients. In 1911, 25 per cent of these schools reported 25, or fewer, daily patients, according to Bureau of Education Bulletin No. 7, 1912, prepared by Miss Nutting. It will be further noted that 455 schools, or 29.3 per cent of the total number, report from 26 to 50 patients daily, and 214 schools, or 13.8 per cent, report from 51 to 75 patients daily. By combining these percentages it is found that 70.6 per cent of the total number of schools reporting do not have a greater number than 75 daily patients. In 1911 the corresponding percentage was 60. Altogether, 1,537 schools have 500, or fewer, patients daily, only 14 schools exceeding this average.

It is found from Table 4 that only 4 hospitals for the insane maintaining nurse training schools have 100 or fewer daily patients. Altogether, 14 schools have 2,000 or more daily patients.

TABLE 6.—*Distribution of nurse training schools in hospitals for the insane, according to the average number of patients per nurse pupil, 1917-18.*

States.	Schools having an average number of patients per pupil of:														Total schools.	
	Less than 10.	10-19.	20-29.	30-39.	40-49.	50-59.	60-69.	70-79.	80-89.	90-99.	100-109.	110-119.	120 and over.	Schools not giving average patients enrollment.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
United States.....	8	7	8	7	3	8	3	0	1	2	4	2	6	17	82	
Alabama.....																1
Connecticut.....																2
Dist. Columbia.....																1
Georgia.....	1															1
Illinois.....	1															5
Iowa.....	1	1														
Kansas.....																5
Kentucky.....																2
Maine.....	1															2
Maryland.....	1															2
Massachusetts.....	2	1	3	1		1	1									11
Michigan.....																1
Minnesota.....	1		2													3
Mississippi.....	1															3
Missouri.....																1
Nebraska.....																1
New Hampshire.....			1													1
New Jersey.....				1												1
New York.....		1	1	3	1	1	2	1								3
North Carolina.....																14
Ohio.....																1
Oklahoma.....																5
Pennsylvania.....		1	2	2			1	1								1
Rhode Island.....		1					1									1
South Carolina.....																2
Vermont.....			1													1
Virginia.....			1													1
Wisconsin.....																1

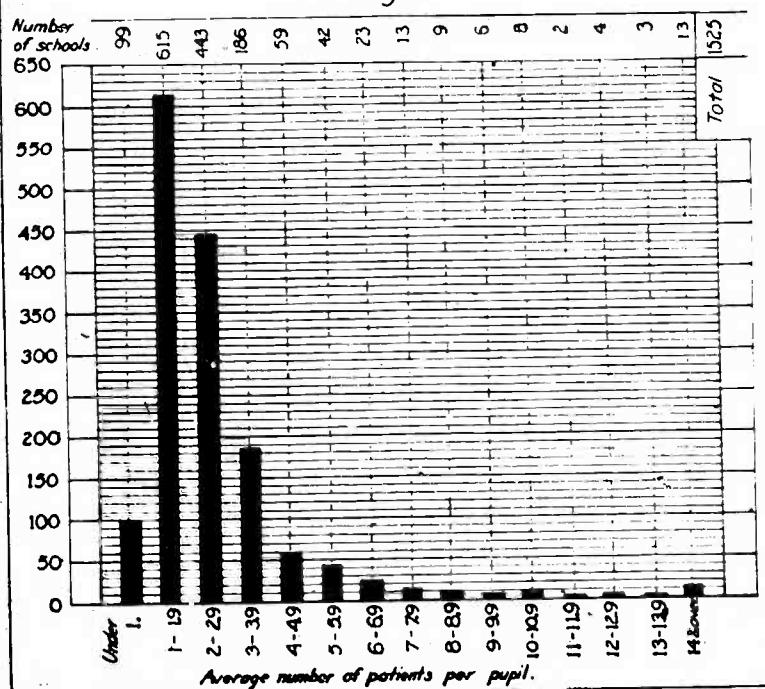
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## AVERAGE NUMBER OF PATIENTS PER NURSE PUPIL.

A better index as to the variety of training offered in nurse training schools is the average number of patients per nurse pupil. It is, however, assumed in the consideration of this phase of the question that the care of patients, in the main, is left wholly to the nurse pupils. By reference to figure 6, which relates solely to general hospitals, it will be observed that the largest group of schools, 615, have from 1 to 1.9 patients daily for each nurse pupil in training.

AVERAGE NUMBER OF PATIENTS PER NURSE PUPIL IN GENERAL HOSPITALS

Fig. 6



The actual number of patients cared for by a nurse pupil at any time is two or three times this number, since, as is shown below, ordinarily a nurse pupil is required to be on duty about 10 hours each day. It will be further noted that 443 schools have from 2 to 2.9 patients to each nurse pupil. Referring to the extreme instances, it is found that 13 schools have 14 or a greater number of patients to each nurse pupil and that 99 schools do not have one patient daily to each nurse pupil in training.

In figure 7, representing hospitals for the insane, no central tendency is shown, no bar being noticeably longer than the other ones.

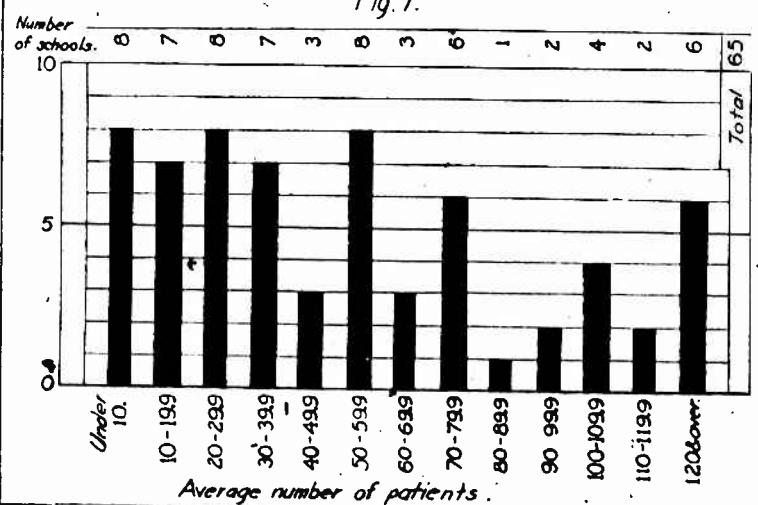
The most outstanding feature is that practically all schools have a greater average of number of patients to each nurse pupil than do the schools in general hospitals. In other words, 88 per cent of the hospitals for the treatment of the insane have 10 or a greater number of daily patients to each nurse pupil, whereas 98 per cent of the schools affiliated with general hospitals have fewer than 10 daily patients to each nurse pupil.

#### MINIMUM AGE REQUIREMENT FOR ADMISSION.

Since the publication of the "Educational Status of Nursing," containing statistics for the year 1911, a considerable change is manifest in the minimum age requirements for admission to nurse

#### AVERAGE NUMBER OF PATIENTS PER PUPIL IN HOSPITALS FOR THE INSANE.

Fig. 7.

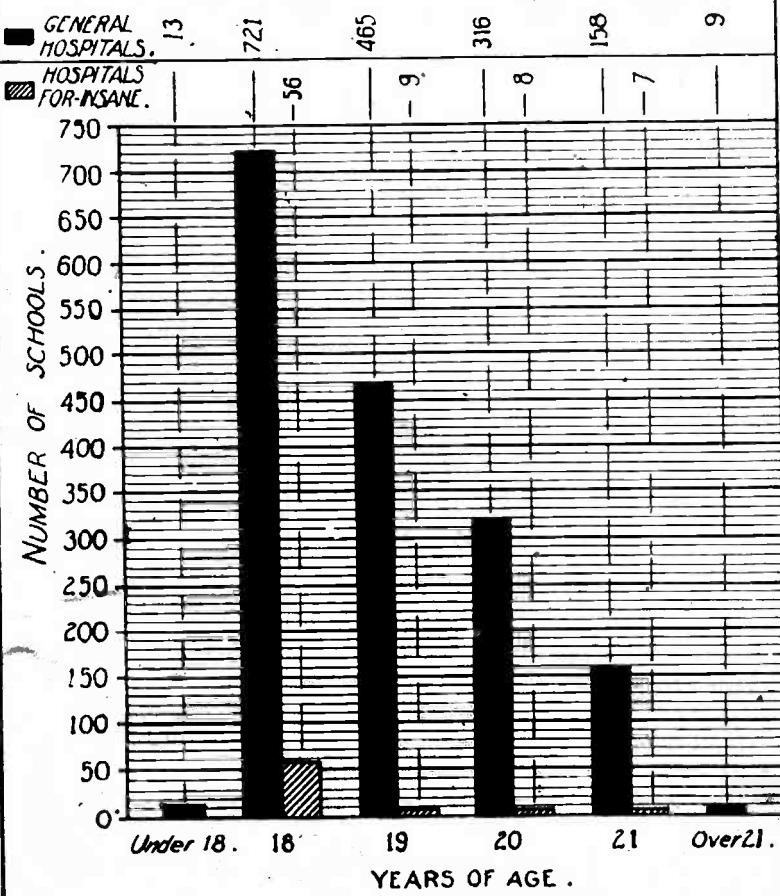


training schools. In 1911, out of a total of 692 schools in general hospitals reporting, 255, or 36.8 per cent, required 21 years of age for admission, while in 1918, out of a total of 1,682 schools reporting, only 158, or 9.4 per cent, required this age for admission. As will be observed in figure 8, the largest group for 1918 requires 18 years of age for admission. In other words, 721 schools, or 42.9 per cent of all of the schools reporting this information in 1918, gave 18 years as the minimum age requirement. It should be added that only 91 schools, or 13.2 per cent of the total number of schools, had this requirement in 1911. Further, in 1911, it was found that 241 schools, or 34.8 per cent, required 20 years as the minimum age for admission. In 1918, 465 schools, or 27.6 per cent, required 19 years of age for admission.

Combining these percentages for the two largest groups in these respective years, it is found that 71.6 per cent of all of the nurse training schools maintained in general hospitals required 20 or 21 years as the age for admission in 1911, whereas, 70.5 per cent required either 18 or 19 years in 1918. It is evident, therefore, that the usual

MINIMUM AGE REQUIREMENTS FOR ADMISSION TO NURSE TRAINING HOSPITALS.

Fig. 8.



age requirement for admission has been lowered two years within the last seven years. As yet, there appears no decided tendency to admit nurse pupils under 18 years of age, since only 13 schools are enumerated in this group. This tendency to lower the age requirement for admission in the various hospital schools of nursing undoubtedly, in a large

measure, has been due to the inability of schools to enroll the necessary number of nurse pupils to staff the hospitals.

In hospitals for the insane the most common age requirement for admission is also 18 years.

The number of schools having the various age requirements for admission has been shown by States in Tables 7 and 8. In only a few States do training schools admit pupils under 18 years of age.

TABLE 7.—*Minimum age requirements for admission to nurse training schools in general hospitals in 1917-18.*

States.	Will admit under 18 years.		Per cent. 18 years.		Per cent. 19 years.		Per cent. 20 years.		Per cent. 21 years.		Per cent. 22 years or over.		
	1	2	3	4	5	6	7	8	9	10	11	12	13
United States.....	13	0.8	721	42.9	465	27.6	316	18.8	158	9.4	9	0.5	
Alabama.....	1	5.0	12	60.0	1	5.0	6	30.0					
Arizona.....								1	100.0				
Arkansas.....			6	33.3	10	55.6	2	11.1					
California.....	1	1.4	34	47.9	22	31.0	10	14.1	4	3.6			
Colorado.....		9	47.3	3	15.8	6	31.6	1	5.3				
Connecticut.....		9	33.3	10	37.1	5	18.5	3	11.1				
Delaware.....		3	100.0										
District of Columbia.....		2	20.0	3	30.0	2	20.0	3	30.0				
Florida.....		2	28.6	4	57.1	1	14.3						
Georgia.....	17	50.0	5	14.7	9	26.5	3	8.8					
Idaho.....	5	55.5	3	33.3				1	1.2				
Illinois.....	1	1.0	12	11.4	79	75.2	10	9.5	3	2.9			
Indiana.....	14	40.0	13	37.1	5	14.3	3	8.6					
Iowa.....	29	54.7	12	22.6	10	18.9	2	3.8					
Kansas.....	1	2.5	15	37.5	7	17.5	13	32.5	3	7.5	1	2.5	
Kentucky.....		5	21.8	15	65.2	1	4.3	2	6.7				
Louisiana.....		7	58.4	1	8.3	3	25.0	1	8.3				
Maine.....	6	26.1	4	17.4	7	30.4	6	26.1					
Maryland.....	10	35.7	11	39.3	3	10.7	1	3.6	3	10.7			
Massachusetts.....	34	34.0	22	22.0	23	23.0	20	20.0	1	1.0			
Michigan.....	24	48.9	17	34.7	6	12.3	2	4.1					
Minnesota.....	11	20.0	24	43.6	17	30.9	3	5.5					
Mississippi.....	11	57.9	4	21.0	3	15.8	1	5.3					
Missouri.....	3	6.4	14	29.8	17	36.1	9	19.2	4	8.5			
Montana.....		6	40.0	8	53.3			1	6.7				
Nebraska.....		4	13.8	22	75.9	3	10.3						
Nevada.....								1	100.0				
New Hampshire.....		4	16.7	3	12.5	10	41.7	7	29.1				
New Jersey.....		30	61.2	4	18.2	8	16.3	7	14.3				
New Mexico.....		1	100.0										
New York.....	1	.6	71	45.2	34	21.7	30	19.1	21	13.4			
North Carolina.....		18	47.4	3	7.9	13	34.2	4	10.5				
North Dakota.....		10	62.5	1	6.2	4	25.0	1	6.3				
Ohio.....	57	89.5	16	19.5	4	4.9	4	4.9	1	1.2			
Oklahoma.....	14	60.0	1	4.3	6	26.1	2	8.7					
Oregon.....		2	11.8	2	11.8	8	47.0	4	23.5	1	5.9		
Pennsylvania.....	99	54.1	29	15.8	33	18.0	21	11.5	1	.6			
Rhode Island.....	5	60.0	2	20.0	1	10.0	2	20.0					
South Carolina.....		9	82.9	5	29.4	3	17.7						
South Dakota.....	1	9.1	6	54.5	3	27.3	1	9.1					
Tennessee.....		7	41.1	4	23.5	3	17.7	3	17.7				
Texas.....	1	3.6	17	60.7	5	17.8	4	14.3	1	3.6			
Utah.....		2	28.6	4	57.1	1	14.3						
Vermont.....		4	30.8	2	15.4	5	38.4	2	15.4				
Virginia.....	1	2.8	17	47.2	6	10.7	7	19.4	5	13.9			
Washington.....		1	4.0	11	44.0	3	12.0	8	32.0	2	8.0		
West Virginia.....	1	2.9	22	64.7	1	2.9	6	17.7	3	8.9	1	2.9	
Wisconsin.....		10	27.0	20	55.1	6	16.2	1	2.7				
Wyoming.....		4	100.0										

<sup>1</sup> One school reports minimum age entrance requirement as 23 years, and 1 school reports minimum age entrance requirement as 16 years.

<sup>2</sup> One school reports minimum age entrance requirement as 18½ years.

TABLE 8.—*Minimum age requirements for admission to nurse training schools in hospitals for the treatment of the insane in 1917-18.*

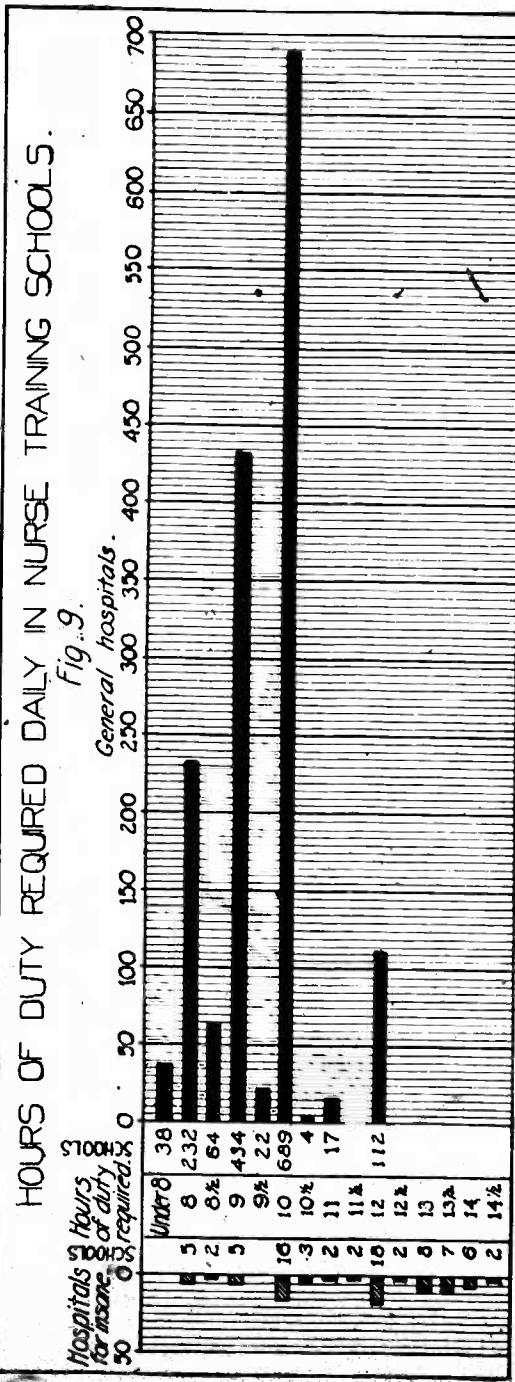
States.	18 years.	Per cent.		Per cent.		Per cent.		Per cent.	
		1	2	3	4	5	6	7	8
United States									
Alabama	56	69.1		9	11.2		8	9.0	
Connecticut	1	100.0		0	0		0	0	
District of Columbia	1	100.0		0	0		0	0	
Georgia	1	100.0		0	0		0	0	
Illinois	3	60.0		1	20.0		0	0	1
Iowa	4	80.0		0	0		1	20.0	0
Kansas	1	100.0		0	0		0	0	0
Kentucky	1	50.0		0	0		0	0	1
Maine	1	50.0		1	50.0		0	0	0
Maryland	2	100.0		0	0		0	0	0
Massachusetts	7	63.6		1	9.1		1	9.1	2
Michigan	2	50.0		2	50.0		0	0	0
Minnesota	3	100.0		0	0		0	0	0
Mississippi	0	0		1	100.0		0	0	0
Missouri	1	100.0		0	0		0	0	0
Nebraska	0	0		1	100.0		0	0	0
New Hampshire	0	0		0	0		1	100.0	0
New Jersey	2	66.6		0	0		0	0	1
New York	10	71.4		1	7.1		1	7.2	1
North Carolina	1	100.0		0	0		0	0	0
Ohio	3	60.0		0	0		1	20.0	1
Oklahoma	1	100.0		0	0		0	0	0
Pennsylvania	5	62.5		0	0		3	37.5	0
Rhode Island	1	100.0		0	0		0	0	0
South Carolina	1	100.0		0	0		0	0	0
Vermont	1	100.0		0	0		0	0	0
Virginia	1	100.0		0	0		0	0	0
Wisconsin	0	0		1	100.0		0	0	0

<sup>1</sup> One school reports minimum age requirement as 17 years.

#### HOURS OF DUTY REQUIRED.

The number of hours of work required daily in nurse training schools maintained in general hospitals has a vital bearing on the efficiency of the course offered. Figure 9 shows the distribution of schools according to the number of hours of duty required daily. Tables 9 and 10 show the number of hours of duty required in the various schools by States. Comparable data for the years 1896 and 1911 on the hours of duty required are available in the "Educational Status of Nursing," so that comparison may be made between the years 1896, 1911, and 1918.

By reference to Table 11 it is found that 37.9 per cent of the nurse training schools reporting in 1896 required of their pupils fewer than 10 hours duty; 56.9 per cent in 1911; and only 49.1 per cent in 1918. Therefore it is evident that in the more recent years there has been a tendency to require 10 or more hours of duty rather than fewer hours. It will be observed from figure 9 that a greater number of schools, viz., 42.7 per cent of the total number reporting this item, require 10 hours of duty. The next largest group, including 434 schools, or 26.9 per cent of the total number, requires 9 hours. Altogether 232 schools, or 14.4 per cent of the total number, require 8 hours of duty daily. A slight tendency toward an 8-hour day may be foreshadowed in the increasing percentage of schools requiring



8 or fewer hours of duty, viz, 1.8 per cent in 1896, 10.4 per cent in 1911, and 16.8 per cent in 1918, but as yet the tendency in that direction is not very pronounced. It is significant, however, to note that only 8.2 per cent of the schools required more than 10 hours of duty in 1918, while 9.9 per cent held to this requirement in 1911, and while 49.5 per cent held to this seemingly questionable requirement in 1896.

TABLE 9.—*Summary of hours of duty required in general nurse training schools in 1917-18.*

States.	Fewer than 8 hours.	8 hours.		9 hours.		10 hours.		11 hours.		12 hours.	
		2	8	4	6	6	7	8	9	10	11
United States	38	212	64	434	22	680	4	17	112		
Alabama	1	1		2		10				7	
Arizona	1	1		3		9				4	
Arkansas	1	1				1					
California	32	41	8	1	7						
Colorado	1	8	1			3					
Connecticut				6		15				3	
Delaware				3							
District of Columbia	5	2		3							
Florida				4		2					
Georgia	1	1		5		17				8	
Idaho				1		6				3	
Illinois	14	3		33	2	50				1	
Indiana	6	1		14		12				5	
Iowa	4	4		13	3	25				2	
Kansas	7	1		9		20				1	
Kentucky	3	1		3		12				1	
Louisiana	1			3		4				2	
Maine	2			4		10				3	
Maryland	6			6		11				3	
Massachusetts	1	12	2	29	2	33	1	3	6		
Michigan		11	4	13	1	13				3	
Minnesota	8	1		9	1	28				4	
Mississippi	1			1		16					
Missouri	6	2		14		19				1	
Montana	3			7		5					
Nebraska	8	2		11		6				1	
Nevada				1							
New Hampshire				4	2	12				5	
New Jersey	2			14		23				6	
New Mexico										1	
New York	1	5	9	44	1	75	2			9	
North Carolina	1	5	1	11		19					
North Dakota	1	1		7		7					
Ohio	15	4		28		31				2	
Oklahoma	4	1		3		12					
Oregon	5	2		5		4				1	
Pennsylvania	9	12	61	6	77	1	1			8	
Rhode Island	2	2		2		5					
South Carolina				1		11				2	
South Dakota	4			3		3				1	
Tennessee		3		3		9				1	
Texas	4	2		9		30				2	
Utah	2			4		1					
Vermont	1			7						3	
Virginia	7	2		6	1	18				1	
Washington		4		8	2	9			2		
West Virginia		4	1	3		22			1	3	
Wisconsin	6	4		10	1	13				2	
Wyoming				2		1				1	

## NURSE TRAINING SCHOOLS, 1918.

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TABLE 10.—Summary of hours of duty required in nurse training schools in hospitals for the treatment of the insane in 1917-18.

Status.	8	8½	9	10	10½	11	11½	12	12½	13	13½	14	14½
	hrs.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	5	2	5	16	3	2	2	18	2	8	7	6	2
Alabama										1			
Connecticut											2		
District of Columbia													
Georgia													
Illinois	5										1		
Iowa													
Kansas											4		
Kentucky													
Maine													
Maryland		4	1										
Massachusetts		1		8	1					1			
Michigan		2	1										
Minnesota						1					1		
Mississippi				1					2				
Missouri										1			
Nebraska										1			
New Hampshire						1							
New Jersey						1							
New York						1		1					
North Carolina						1		1	9	2			
Ohio						3					3		
Oklahoma											1		
Pennsylvania	1	1	2					3					
Rhode Island					1			1					
Vermont											1		
Wisconsin									1				

TABLE 11.—Hours of duty required daily in general nurse training schools in 1896, 1911, and 1918.

Hours of work.	1896		1911		1918		
	Schools.	Percent of total.	Schools.	Percent of total.	Schools.	Percent of total.	
	1	2	3	4	5	6	7
Under 8							
8	2	1.5	69	10.4	232	2.4	
8½	0	0	43	6.5	64	4.0	
9	11	9.9	279	36.1	434	29.9	
9½	29	26.2	279	36.1	22	1.4	
10	14	12.6	26	3.9	680	42.7	
10½	32	28.8	0	0	4	2	
11	3	2.7	22	3.3	17	1.1	
11½	14	12.6	0	0	0	0	
12	3	2.7	44	6	112	6.9	
More than 12	3	2.7	0	0	0	0	
Total	111	100.0	663	100.0	1,612	100.0	

In hospitals for the treatment of the insane the hours of duty required are usually much longer than in the general hospitals. In all, 16 schools require 10 hours of duty; 18 schools, 12 hours; and 25 schools require more than 12 hours of duty daily. Two schools require 14½ hours.

The long hours of daily duty required in many of these schools must be viewed with apprehension, since practically all schools now offer a course covering a period of three or more years, whereas until 1904 no school had offered a three-year course. To require long hours of duty for a period of three years must necessarily work a hardship, if not a positive harm, on the nurse pupils in training.

<sup>1</sup> See Bulletin 1912, No. 7, p. 29.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 12.—Summary of remuneration granted to pupils enrolled in nurse training schools in general hospitals in 1917-18.

States.	First year.						Second year.						Third year.						
	Less than \$100.	Per cent in total.	\$100 rem. to over.	Per cent in total.	\$100 rem. to over.	Per cent in total.	Less than \$100.	Per cent of total.	\$100 rem. to over.	Per cent in total.	\$100 rem. to over.	Per cent in total.	Less than \$100.	Per cent of total.	\$100 rem. to over.	Per cent in total.	Less than \$100.	Per cent of total.	
1. United States...	1,176,436	64.9	236	6,339	15.2	5	92	0.2	1,694	26,925	69.1	517	13,190	30.5	12	157	0.4	1,701	23,449
Alabama...	322	58.5	3	42	11.5	4	9	0	3	79	24.4	11	224	69.4	1	20	6.2	3	124
Arizona...	120	100.0	0	0	0	0	0	0	20	100.0	0	0	0	0	0	0	0	0	0
Arkansas...	14	181	73.4	4	47	20.5	5	117	51.3	9	111	48.7	10	38.5	16	61.5	0	0	0
California...	83	2,302	82.2	12	109	21.8	3	869	66.7	27	932	33.3	21	1,081	36.6	42	1,749	59.3	3
Colorado...	12	1,038	70.4	5	133	24.9	1	420	68.5	6	167	20.8	23	4.7	10	443	64.8	1	121
Connecticut...	17	618	63.8	8	350	36.2	0	15	451	46.6	15	517	33.4	12	456	51.2	1	15	1.7
Delaware...	3	62,100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District of Columbia...	449	91.0	2	34	63.8	2	104	19.0	0	449	81.0	2	104	19.0	0	3	156	25.2	0
Florida...	570	83.6	6	114	16.4	6	0	0	46	48.0	3	48	51.0	0	2	40	61.6	4	0
Georgia...	23	46	67.6	3	22	32.4	0	0	16	442	63.8	13	291	36.2	0	8	282	42.4	1
Idaho...	81	2,611	97.6	1	69	2.4	0	0	0	3	2,499	91.0	4	30	8.4	1	10	14.7	0
Illinois...	30	740	96.6	3	51	3.4	0	0	0	73	629	88.0	7	244	9.0	0	0	2,264	80.3
Indiana...	40	1,430	96.6	3	37	3.4	0	0	0	37	1,986	93.0	0	0	0	0	0	0	0
Iowa...	20	1,478	82.1	4	57	18.9	0	0	0	22	322	64.3	0	0	0	0	0	0	0
Kentucky...	16	409	82.6	2	78	2.5	0	0	0	13	254	64.1	5	181	41.7	0	0	1,961	44.9
Louisiana...	10	428	97.5	2	11	2.5	0	0	0	329	74.3	5	133	25.7	0	0	3	202	40.0
Maine...	15	317	72.4	5	52	20.6	0	0	0	256	63.2	8	137	34.3	7	1,722	44.4	11	215
Maryland...	17	515	88.0	16	57.3	20.0	0	0	0	170	90.3	5	115	19.7	0	0	1,524	55.6	0
Massachusetts...	60	2,349	80.0	16	57.3	20.0	0	0	0	48	2,041	68.3	30	943	36.7	0	0	899	30.3
Michigan...	33	962	95.2	1	36	3.5	1	14	1.3	33	1,012	89.9	4	96	8.4	1	14	1,327	1
Minnesota...	30	1,471	97.8	4	33	2.2	0	0	41	1,482	97.8	4	33	2.2	0	0	34	1,432	4
Mississippi...	9	128	67.0	4	63	33.0	0	0	0	77	44.0	0	0	0	0	0	0	0	0
Missouri...	35	1,220	92.6	4	96	7.4	0	0	0	33	1,177	58.9	6	132	10.1	0	0	1,061	75.0
Montana...	13	269	65.7	2	56	14.3	0	0	0	11	249	68.8	4	109	31.2	0	0	1,150	43.4
Nebraska...	17	439	72.1	5	159	26.1	1	11	1.4	3	372	61.5	8	222	36.7	1	11	1,829	12
New Hampshire...	18	310	82.2	5	67	17.8	0	0	0	161	43.4	14	210	56.6	0	0	1,122	35.8	
New Jersey...	31	869	74.5	10	307	26.4	0	0	0	63	56.4	17	504	43.4	5	13	397	35.4	
New Mexico...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NURSE TRAINING SCHOOLS, 1918.

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New York	4,041	79,4	28	1,049	20,4	9	0	67	3,179	62,6	62	1,889	37,4		
North Carolina	163	62,4	5	51	7,4	9	0	23	4,339	65,1	11	2,153	34,9		
North Dakota	102	100,0	0	0	0	0	0	14	3,55	32,7	24	6,3	13		
Ohio	541	5,549	52,8	323	17,2	6	0	42	1,23	67,6	23	3,124	39,5		
Oklahoma	14	2,53	70,5	8	163	20,5	0	12	2,202	46,3	16	1,57	48,7		
Oregon	12	370	94,6	3	21	5,4	0	0	9	3,19	81,6	6	0	0	
Pennsylvania	140	4,677	52,7	23	942	16,4	2	39	3,476	60,4	77	2,218	39,2		
Rhode Island	8	375	58,7	1	135	4,5	0	0	2,122	55,8	3	1,688	44,2		
South Carolina	10	179	65,3	1	6	3,2	0	0	1,62	61,9	6	1,192	48,5		
South Dakota	10	179	65,3	1	6	3,2	0	0	1,73	90,8	0	0	0		
Tennessee	12	441	91,0	2	44	9,6	0	0	7	3,46	71,3	7	1,119	28,7	
Texas	24	869	92,6	3	69	7,4	0	0	18	619	71,3	9	2,69	28,7	
Utah	5	294	91,5	1	24	4,5	0	0	4	2,14	88,2	2	34	11,9	
Virginia	10	153	67,1	2	76	32,9	0	0	0	4	71	30,7	8	169	69,3
Washington	20	420	68,0	5	198	22,0	0	0	0	17	3,46	56,0	12	272	44,0
West Virginia	26	677	83,4	5	135	16,0	0	0	0	16	4,71	62,1	6	2,67	35,1
Wisconsin	21	545	82,6	2	86	17,2	0	0	0	13	2,09	40,5	18	3,07	59,5
Wyoming	1	3	3,9	3	71	96,1	0	0	0	1	2,02	74,3	5	4,17	23,7

<sup>1</sup>This total does not include 66 schools which grant no remuneration.

<sup>2</sup>This total does not include 5,466 pupils enrolled in 36 schools granting no remuneration (two of these schools did not report enrollment).

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 13.—Summary of remuneration granted to pupils enrolled in nurse training schools in hospitals for the treatment of the insane in 1917-18.

States.	First year.										Second year.										Third year.									
	\$200 En-rol-ment to \$299	Per cent.	\$300 En-rol-ment	Per cent.	\$400 En-rol-ment	Per cent.	\$500 En-rol-ment	Per cent.	\$600 En-rol-ment	Per cent.	\$700 En-rol-ment	Per cent.	\$800 En-rol-ment	Per cent.	\$900 En-rol-ment	Per cent.	\$1000 En-rol-ment	Per cent.	\$1100 En-rol-ment	Per cent.	\$1200 En-rol-ment	Per cent.	\$1300 En-rol-ment	Per cent.	\$1400 En-rol-ment	Per cent.	\$1500 En-rol-ment	Per cent.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
United States.....	20	716	27.6	31	1,307	50.3	12	574	22.1	9	267	11.3	28	1,041	41.1	25	1,104	47.5	4	78	4.2	15	679	36.2	22	1,117	29.6			
Alabama.....	1	21	100	0	0	0	0	0	0	0	0	0	1	21	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Connecticut.....	1	26	68	0	0	0	0	0	0	0	0	0	1	85	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
District of Columbia.....	1	6	0	0	0	0	0	0	0	0	0	0	1	36	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Georgia.....	1	36	100	0	0	0	0	0	0	0	0	0	2	25	42.4	2	34	57.4	0	0	0	0	0	0	0	0	0	0	0	
Illinois.....	0	0	0	0	2	25	42.4	2	34	57.6	0	0	2	24	15.3	3	133	84.7	0	0	0	0	0	0	0	0	0	0		
Iowa.....	1	16	10	2	1	5	5.1	1	133	84.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kentucky.....	0	0	0	0	2	62	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Maine.....	0	0	0	0	2	62	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Massachusetts.....	0	0	0	0	6	43	55	4	34	43.9	0	0	0	2	114	14.7	8	662	88.3	0	0	0	0	0	0	0	0	0	0	
Michigan.....	1	20	17	2	1	72	62.1	1	24	20.7	1	20	17.2	1	72	62.1	1	24	20.7	1	20	17.2	1	72	62.1	0	0	0	0	0
Minnesota.....	0	0	0	1	73	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mississippi.....	1	26	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Missouri.....	1	46	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New Hampshire.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New Jersey.....	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New York.....	30	86	0	5	151	32.0	0	0	0	0	0	0	1	42	7.4	10	432	75.5	2	98	15.1	0	0	0	0	0	0	0	0	0
North Carolina.....	11	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ohio.....	0	0	0	2	43	58.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oklahoma.....	0	0	0	1	15	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pennsylvania.....	2	67	26	1	5	19	73.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rhode Island.....	0	0	0	1	24	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
South Carolina.....	0	46	100	0	1	34	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vermont.....	0	0	0	1	13	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wisconsin.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

<sup>1</sup> Reports one school, with an enrollment of 25 pupils, no remuneration for first year, \$24 for second year, a second school, with an enrollment of 30 pupils, remuneration first year \$144, second year \$144, and third year \$60.<sup>2</sup> Reports one school, with an enrollment of 10 pupils; remuneration for first year \$120, and \$120 for second year.<sup>3</sup> \$120 for third year.<sup>4</sup> Reports one school, with an enrollment of 34 pupils; remuneration for first year \$165, for second year \$165, for third year \$60.

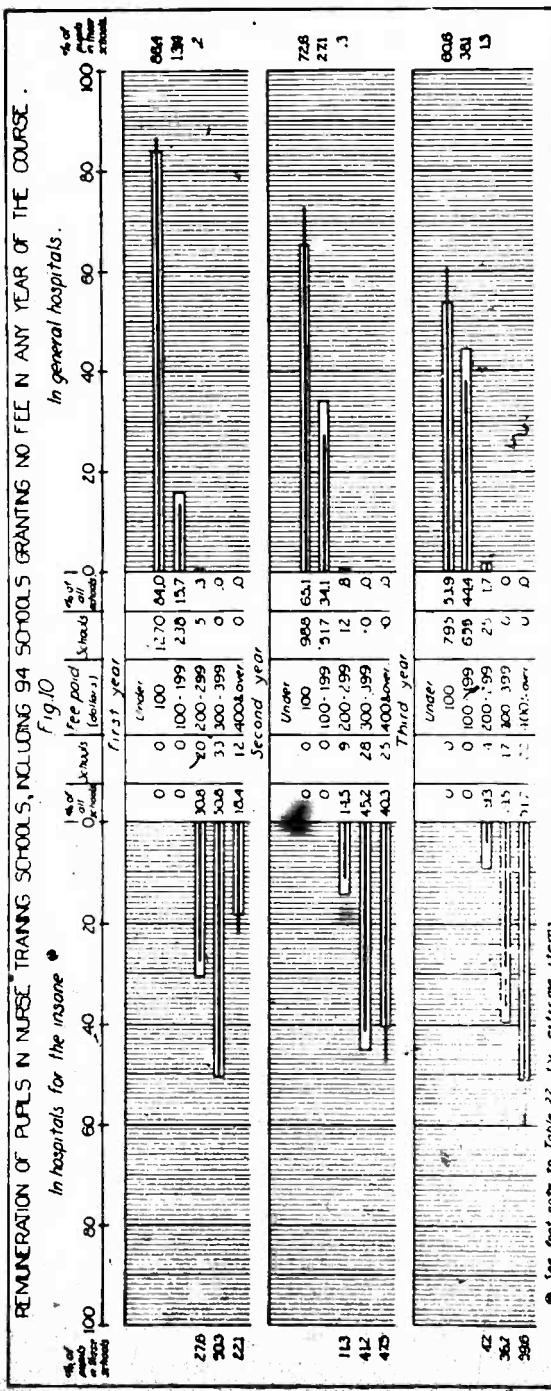
## REMUNERATION OF PUPILS.

This year for the first time nurse training schools were asked to report on the regular statistical blank the remuneration granted to their pupils. A very large number of replies admitting of tabulation were received. The summarized results of this inquiry are shown by States in Tables 9 and 10, and in summarized form in figure 10.

Only schools reporting both the remuneration granted and their enrollment have been included in Tables 12 and 13, and consequently in figure 10. For example, the open bars in the first-year group in this diagram represent the percentage of schools included in each salary group which report both their enrollment and the remuneration paid the first year. The percentages for each year total 100. By including only the schools reporting both the enrollment and remuneration, it is possible to compare the percentage of schools granting a certain remuneration with the corresponding percentage of pupils receiving it, which is represented by the straight lines within the open bars—more conveniently referred to as "pins." The schools which report remuneration but not enrollment, and which have been omitted from consideration, are so few in number that the results are not vitiated. It should be added to prevent misunderstanding that the number of pupils represented by each "pin" is the total number who are now enrolled in institutions granting the remuneration indicated and who, therefore, have already received this fee, either in 1918 or in the two years next preceding. The 94 schools which report "0" for remuneration have been included in the diagram but not in the table. It should be stated that 17 schools, included in the 94, reported a tuition fee but did not indicate whether a remuneration was granted. It has been inferred that no remuneration is granted by these institutions.

Only two schools, one in Minnesota and the other in Mississippi, reported the granting of remuneration for the fourth year, the former being \$204 and the latter being \$45.

The remuneration granted to nurse pupils in the first, second, and third year for all schools reporting such information is graphically shown above for general hospitals and for hospitals for the treatment of the insane. Very few general hospitals pay over \$200, as is shown. In the first year 84 per cent of the schools pay less than \$100, while only 15.7 per cent pay from \$100 to \$199. In the second year a higher remuneration in general is paid, since 34.1 per cent of the schools pay from \$100 to \$199, and only 65.1 per cent pay less than \$100. A still higher remuneration is indicated in the third year, where almost one-half of the schools, 44.4 per cent, pay from \$100 to \$199, and only 53.9 per cent less than \$100. Therefore, it is evident that a higher remuneration is generally granted as the pupils progress.



in the course and as their services necessarily become more valuable to the institution.

By comparing the two longer bars in each year in figure 10 it will be noted that the "pin" representing the percentage of the total pupil body, paid the remuneration indicated, projects beyond the open bar in every instance in which the remuneration is less than \$100 and does not extend to the end of the bar in schools granting \$100 to \$199 per annum. In the latter instance the percentage of pupils does not equal the percentage of schools, while in the former one the percentage of schools is less than the percentage of pupils. These inequalities indicate that the largest schools pay, in general, the lower remuneration, in other words, the larger schools have less difficulty in securing nurse pupils, presumably, because the variety of training necessarily offered is correspondingly attractive. On the other hand, smaller schools are obliged to pay a higher remuneration that they may secure the services of nurse pupils as aids in carrying on the work in a well-regulated hospital.

In hospitals for the treatment of insane patients, as indicated in Table 22, the remuneration granted to men is much higher than that granted to women in all cases where any difference in remuneration is specified, as is done in 10 schools. Only 5 schools report a fee for any year in the course which is less than \$200, and these are so variable in amount and so few in number that they have not been given separately in figure 10. They are definitely specified, however, in both Table 22 and Table 13, and have been included in the \$200 group in the graph.

As indicated in figure 10 the salary, for such it might be correctly termed, which is paid the nurse pupils in hospitals for the insane is much higher than the remuneration granted to nurse pupils in the general hospitals. In the first year in hospitals for the insane 50.8 per cent of the hospitals, or over one-half of them, pay \$300 to \$399; 18.4 per cent pay \$400 or a greater sum. In the second year 45.2 per cent of the schools are placed in the \$300 group, and 40.3 per cent in the \$400 group. In the third year the \$300 group has decreased to 39.5 per cent and the \$400 group has increased to 51.2 per cent. In other words, as nurse pupils progress in their training course and thereby become more valuable to the hospital, a higher remuneration is awarded them. In the third year only 4 schools in hospitals for the insane pay as low as \$200 to \$299.

The relative length of the "pins" and the open bars representing respectively, pupils and schools in hospitals for the insane, has been reversed from that shown for schools in general hospitals. The "pins" are longer than the bars in the high salary group, viz, \$400 and over; about the same length in the \$300 group, and shorter in the \$200 group; pointing out very clearly that the higher remuneration is

granted by the larger schools. It should be remarked, however, in this connection that higher salaries should be paid to nurses in the hospitals for the insane than to those in the general hospitals for the reason that the hours of duty required in the former are ordinarily much longer than those required in the latter, and the duties are necessarily of a much more strenuous character, by reason of the possible violence of the patients. Therefore, it may be added inferentially that the increased responsibility in caring for a large number of patients induces the larger schools to offer a higher remuneration with a view to securing a more advanced group of aids. It does not appear from a casual inspection of the detailed reports that longer hours of duty are required in the larger schools. It does appear, however, that in the larger schools there is usually a large average number of patients daily to each nurse pupil enrolled which, in nearly every instance, equals or exceeds 40.

#### TUITION.

An inspection of all the reports received from nurse training schools reveals the fact that only 42 schools, or 2.4 per cent of the total number reporting, charge tuition. All of these schools are maintained in general hospitals and charge a fee only for the preliminary course. Altogether, 26 of these schools grant no remuneration, or at any rate they do not report a remuneration fee, and presumably give none. The other 16 schools grant a remuneration which usually exceeds the tuition charged. The usual tuition fee is either \$20 or \$25, this charge being made by 12 schools. Two schools charge \$100, 1 school \$155, 1 school \$225, and 1 school \$250. One of the schools charging a tuition fee of \$100 grants a remuneration of equal or greater amount. The other 3 schools reporting these high tuition fees offer no remuneration whatever.

In 1911 only 6 schools charged a tuition for the preliminary instruction given in the first year. A fee of \$25 was charged by 4 schools, and a fee of \$50 was charged by 1 other school. One school at that time charged \$250 for the first two years in the course.

## NURSE TRAINING SCHOOLS, 1918.

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TABLE 14.—*Distribution of nurse training schools and pupils according to the educational requirements for admission and the length of course offered.*

Educational requirement for admission.	Course in years.	General hospitals.		Hospitals for the insane.	
		Schools.	Nurse pupils.	Schools.	Nurse pupils.
Eighth grade.	Less than 1	6	126		
Do.	1 to 1.9	8	144		
Do.	2 to 2.9	31	440	25	724
Do.	3 to 3.9	141	3,008	16	674
Do.	4	2	10		
Total.		188	3,728	41	1,398
One year high school.	Less than 1	1	11		
Do.	1 to 1.9	4	75		
Do.	2 to 2.9	80	1,808	6	256
Do.	3 to 3.9	583	19,170	24	1,058
Do.	4	0	0	0	0
Total.		668	21,044	30	1,344
Two years high school.	Less than 1	0	0		
Do.	1 to 1.9	1	11	0	0
Do.	2 to 2.9	20	324	0	0
Do.	3 to 3.9	239	9,431	3	89
Do.	4	0	0	0	0
Total.		260	9,769	3	89
Three years high school.	Less than 1	0	0		
Do.	1 to 1.9	0	0	0	0
Do.	2 to 2.9	1	8	0	0
Do.	3 to 3.9	8	296	2	66
Do.	4	0	0	0	0
Total.		9	304	2	66
High school.	Less than 1	0	0		
Do.	1 to 1.9	1	22	0	0
Do.	2 to 2.9	27	717	0	0
Do.	3 to 3.9	410	15,417	0	0
Do.	4	1	7	0	0
Total.		439	16,163	0	0
Partial reports:					
Eighth grade.	Not given.	2	29	0	0
One year high school.	Do.	2	23	0	0
High school.	Do.	1	2	0	0
Total.		5	54	0	0
Not given.	1 to 1.9	1	6	0	0
Do.	2 to 2.9	2	9	3	97
Do.	3 to 3.9	16	322	0	0
Total.		19	337	3	97
Eighth grade.	1 to 1.9	1	0	0	0
Do.	3 to 3.9	1	1	0	0
One year high school.	2 to 2.9	3	0	0	0
Do.	3 to 3.9	8	0	0	0
Two years high school.	3 to 3.9	3	1	0	0
High school.	3 to 3.9	7	0	0	0
Total.		23	2	0	0
(1)	(2)	1	17	0	0
(1)	(2)	1	0	0	0
Graduate and special training schools.		14	782	0	0
Examination.		0	0	1	39
Grand total.		1,627	52,218	82	3,033

\* Educational requirement for admission not given.

\* Length of course not given.

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## YEARS IN NURSE TRAINING COURSE.

In view of the fact that practically all courses in nurse training schools maintained in general hospitals have been lengthened from two to three years within almost the last decade, this subject deserves consideration. Altogether, in 1918 the length of course offered was reported by 1,606 training schools in general hospitals, and in 1911 by 688 schools, as follows:

*Length of course.*

Years in course.	Schools.	
	1911	1918
Less than 1 year.....		7
From 1 to 1.9 years.....	195	16
From 2 to 2.9 years.....	502	164
From 3 to 3.9 years.....	1	1,416
A four years' course.....		3
Total.....	688	1,606

In 1918 nearly all of the schools in the 2 to 2.9 years group offer a two-year course, only a few giving a fractional part of a year additional. Similarly nearly all of the schools falling in the 3 to 3.9 years group offer only a three-year course. Only three schools report a four-year course, viz: College Hospital, Talladega College, Ala.; Evangelical Saint Lucas Deaconess Hospital, Faribault, Minn.; and Scudder Infirmary, Alcorn, Miss.

The greater number of schools by far offer a three-year course, 88 per cent of all the training schools in general hospitals falling in this class. Only 10 per cent of these schools offer a two-year course. A decided tendency toward a three-year course is evident when a comparison is made between these percentages and the corresponding ones in 1911. In 1911 a course of three or three and a half years was offered by 73 per cent of the schools reporting, as against 88 per cent in 1918; and a course of two or two and a half years was offered by 27 per cent, as against 10 per cent in 1918. Practically all nurse training schools have extended their course to three years within the last few years. Long hours of duty, lack of facilities for imparting the technical training which should accompany the practical work of the hospital, or low educational entrance requirements may prevent nurse pupils from receiving the equivalent of a college education. The fact that training courses have been lengthened may partly account for the increased difficulty in getting qualified pupils to staff the hospitals.

In schools maintained in hospitals for the treatment of insane patients only two and three year courses are offered, 34 schools offering a two-year course and 47 schools offering a three-year course.

ENROLLMENT OF PUPILS IN TRAINING SCHOOLS OFFERING THE  
VARIOUS COURSES.

By assembling the corresponding groups in Table 14 it is found that 7 schools, enrolling 137 pupils, offered a course of less than one year; 15 schools, with 261 pupils, a one-year course; 161 schools, with 3,306 pupils, a two-year course; 1,397 schools, with 47,644 pupils, a three-year course; and 3 schools, with 17 pupils, a four-year course. These 1,583 schools enroll an aggregate of 51,365 nurse pupils. The schools offering a course shorter than one year are four-tenths of 1 per cent of the total, but enroll only three-tenths of 1 per cent of the pupils; those offering a one-year course are 1 per cent of the total, but enroll five-tenths of 1 per cent of the pupils; those offering a two-year course are 10.2 per cent of the total, but enroll only 6.4 per cent of the pupils; but those offering a three-year course are 88.2 per cent of the total and enroll 92.8 per cent of the pupils. It is seen, therefore, that, in general, the larger schools offer the longer course of three years, since these schools enroll a correspondingly larger percentage of pupils than the percentage of schools in this group would indicate.

Reducing these percentages to absolute numbers, it is found that the average enrollment in a training school of less than one year is only 20 nurse pupils; in a one-year school only 18 pupils; in a two-year school, 20 pupils; but in a three-year school it is 34 pupils. In other words, the schools offering a three-year course enroll 70 per cent more pupils on an average than schools offering only a two-year course. These very great differences are not apparent from a casual inspection of the reports. Two facts appear from these figures: First, that practically all professional nurses are now taking a three-year course of training; second, the larger schools are giving generally a three-year course of training.

## MINIMUM EDUCATIONAL ENTRANCE REQUIREMENTS.

By summarizing the corresponding groups in Table 14 it is found that, altogether, 1,592 nurse training schools reported the educational entrance requirement for admission in the year 1918. The following summary compares the requirement of that year with corresponding requirement in the year 1911:

*Educational requirement for admission.*

Educational requirement	1911		1918	
	Schools	per cent.	Schools	Percent.
Eighth grade.....	252	31.7	192	12.1
One year of high school.....	190	24.0	651	42.7
Two years of high school.....	26	3.3	263	16.5
Three years of high school.....	3	.4	9	.6
Complete high-school course.....	323	40.6	447	28.1
Total.....	794	100.0	1,592	100.0

The most usual requirement in 1918 was one year of high-school work. About two-thirds as many schools, however, required a full high-school course for admission. Few schools require three years of high-school work.

Considerable shifting in the educational requirements for admission to nurse training schools has taken place since the year 1911, as will be noticed from the comparable data given above. The percentage of schools requiring a full high-school course for admission has decreased from 40.6 per cent in 1911, to 28.1 per cent in 1918, while the percentage requiring one year of high school has increased from 24 per cent to 42.7 per cent during the same period. During this period the percentage requiring only an eighth-grade education for admission has decreased from 31.7 per cent to 12.1 per cent and the percentage requiring two years of high-school work has increased from 3.3 per cent to 16.5 per cent. It is evident, therefore, that there is a tendency on the part of nurse training schools not to require either the completion of a high-school course or of the elementary grades only, but to require either one or two years of high-school work for admission.

It should be distinctly understood that the minimum educational entrance requirement by no means indicates the average educational qualifications of pupils who are admitted to nurse training schools. Many nurse pupils have a college education, and perhaps most of them the equivalent of a full high-school education. The standard set for admission governs only the admission of nurse pupils who have the lowest educational qualifications which the school will consider. With the rapid multiplication of public high schools

throughout the country there should be in the future little reason for nurse training schools to lower their educational standard for admission. A decided tendency away from only an eighth-grade requirement is evident already. It is to be regretted that so large a percentage of schools have been obliged to retract from the full high-school requirement.

**EDUCATIONAL ENTRANCE REQUIREMENTS TO NURSE TRAINING SCHOOLS IN HOSPITALS FOR THE INSANE.**

In hospitals for the insane, 42 schools for the training of nurse pupils require the completion of the eighth grade for admission; 30 schools require one year of high-school work; and only 6 schools a two or three year high-school course. No school requires a four-year high-school education. In 1911 it was found that of the 49 schools reporting educational requirements for admission, 38 schools required a "common school" or the equivalent of an eighth-grade education; 6 schools required one year of high-school work, and 5 schools a full high-school course. It is evident here also that there is a tendency away from the requirement of a full high-school course, as no school reporting in 1918 holds to it, and also away from the eighth-grade requirement, as 77.6 per cent of the schools of this class in 1911 held to this requirement and only 53.8 per cent in 1918.

The educational requirements for admission to nurse training schools is summarized by States in Tables 15 and 16. These tables show how many pupils now in training have met these minimum standards and how many graduates completing a nurse training course in 1918 presumably met these requirements when admitted to training. As State legislation often governs the educational requirements for admission, it is thought advisable to summarize these minimum requirements by States.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 5.—Distribution of nurse training schools, nurse pupils, and graduates according to the educational requirement for admission, including schools in hospitals for the insane, in 1917-18.

States	Eighth grade.				One year high school.				Two years high school.				Three years high school.				High school.								
	Enrollment.				Enrollment.				Enrollment.				Enrollment.				Enrollment.								
	Total nurse pupils	Total per cent. graduates																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
United States...	243	5,415	10.0	1,295	9.9	703	22,346	41.5	5,545	42.6	296	9,680	18.0	2,226	17.2	11	370	0.7	103	0.8	416	16.100	29.8	3.830	22.5
Alabama...	9	170	37.4	25	24.5	4	161	35.5	30	57.9	4	381	13.0	12	11.1	1	43	10.0	1	13	4.1	5	3.0	0	0
Arizona...	1	20	100.0	6	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arkansas...	1	87	36.3	28	36.1	3	64	28.2	24	33.3	4	411	19.4	18	18.0	0	0	0	0	0	0	0	0	0	0
California...	6	112	34.3	25	34.4	3	64	1.9	1	1.0	1	210	26.5	26	26.5	0	0	0	0	0	0	0	0	0	0
Colorado...	5	55	8.0	9	7.4	6	151	21.5	38	29.8	6	306	42.6	50	41.3	0	0	0	0	0	0	0	0	0	0
Connecticut...	2	74	7.4	18	6.6	18	629	63.1	189	69.2	2	171	17.2	42	15.4	0	0	0	0	0	0	0	0	0	0
Delaware...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dist. of Columbia...	85	13.3	21	14	14.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Florida...	40	26.4	14	38	28.1	4	10	7.4	4	10.6	3	621	45.4	14	36.8	0	0	0	0	0	0	0	0	0	
Georgia...	7	127	19.2	23	12.1	3	57	5.3	16	4.2	2	63	1.2	1	1	0	0	0	0	0	0	0	0	0	
Idaho...	1	6	8.8	2	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Illinois...	14	169	4.9	71	7.1	5	57	1.753	39	8	352	36.9	23	23.1	2	21	0	0	0	0	0	0	0	0	
Indiana...	6	106	16.0	17	9.0	12	296	23.1	55	29.0	10	349	32.0	49	26.0	0	0	0	0	0	0	0	0	0	
Iowa...	7	235	14.0	58	13.1	29	1,010	55.3	231	34.0	8	1,165	4.9	33	2.2	0	0	0	0	0	0	0	0	0	
Kansas...	14	128	19.4	34	23.1	6	88	12.9	19	12.9	4	139	2.1	21	15.0	0	0	0	0	0	0	0	0	0	
Kentucky...	3	29	5.5	10	9.4	18	424	80.6	60	56.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Louisiana...	260	56.5	82	70.1	17	165	37.5	27	23.1	173	1	148	36.9	49	34.9	0	0	0	0	0	0	0	0	0	
Maine...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Maryland...	25	2.2	10	3.4	1	14	1.3	3	1.0	2	53	4.8	1	1	3.1	1	2	0	0	0	0	0	0	0	
Massachusetts...	124	2.8	26	2.5	39	1,932	44.4	440	43.1	18	34	19.1	182	17.8	1	1	2	0	0	0	0	0	0	0	
Michigan...	409	21.0	64	15.6	14	473	24.3	88	18.7	8	195	15.0	67	14.0	0	0	0	0	0	0	0	0	0	0	
Minnesota...	143	432	20.4	98	21.5	1	11	329	22.5	1	115	25.5	17	17	0	0	0	0	0	0	0	0	0	0	0
Mississippi...	6	61	21.8	9	17.3	1	11	349	22.5	1	115	25.5	17	17	0	0	0	0	0	0	0	0	0	0	0
Missouri...	10	189	11.2	43	12.3	1	11	445	41.6	22	36	17	14	14	1	1	0	0	0	0	0	0	0	0	0
Montana...	1	19	3.4	2	3.3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## **NURSE TRAINING SCHOOLS, 1918.**

Nebraska	24.2	31.5
Ne. <sup>Wash.</sup>	24.0	31.5
New Hampshire	25.4	31.5
New Jersey	24.4	31.5
New Mexico	24.0	31.5
New York	24.0	31.5
North Carolina	24.0	31.5
North Dakota	24.0	31.5
Ohio	24.0	31.5
Oklahoma	24.0	31.5
Oregon	24.0	31.5
Pennsylvania	24.0	31.5
Rhode Island	24.0	31.5
South Carolina	24.0	31.5
South Dakota	24.0	31.5
Tennessee	24.0	31.5
Utah	24.0	31.5
Vermont	24.0	31.5
Virginia	24.0	31.5
Washington	24.0	31.5
West Virginia	24.0	31.5
Wisconsin	24.0	31.5
Wyoming	24.0	31.5

One school, with 29 nurse pupils and 21 graduates, reports educational entrance requirement: "Examination required."  
One school, with 14 nurse pupils and 5 graduates, reports educational entrance requirement: "Normal school."  
One school, with 14 nurse pupils and 4 graduates, reports educational entrance requirement: "No educational requirement."  
One school, with 14 nurse pupils and 4 graduates, reports educational entrance requirement: "No educational requirement."  
One school, with 14 nurse pupils and 4 graduates, reports educational entrance requirement: "No educational requirement."

One school, with 14 nurse pupils and 4 graduates, reports: "No educational requirement." Another says: "No educational requirement."

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## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 16.—Distribution of nurse training schools in general hospitals and of the nurse pupils and graduates according to the educational requirement for admission in 1917-18.

States.	Eighth grade.						One year high school.						Two years high school.						Three years high school.						High school.					
	Enrollment.			Enrollment.			Enrollment.			Enrollment.			Enrollment.			Enrollment.			Enrollment.			Enrollment.			Enrollment.					
	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.	Women.	Men.	Per cent.			
United States.....	164,001	7,914	7.4	163,20,899	41,15,279	42.9	114,9,481	18,82,185	17.9	9	0	301	0	0.6	16,4	1	1.0	19	0	0	19	4.4	6	6.2	10,6	1,0	1,0			
Alabama.....	1	8	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Arizona.....	1	6	3	100,0	6,0	6	6	3	4	3	158	37,2	59	61,5	4	0	69	13,6	1	12,3	1	0	0	0	0	0	0	0	0	
Arkansas.....	1	6	3	38,3	2,3	3	3	1	1	0	63	28,2	24	37,3	18	43	986	42,1	10	14,0	0	0	0	0	0	0	0	0	0	
California.....	1	6	3	112,3	4,2	3	3	1	0	151	21,6	36	29,8	6	0	300	42,6	50	41,3	0	0	0	0	0	0	0	0	0		
Colorado.....	2	0	0	56	8,0	9	7,4	6	0	63	0	189	71,3	2	0	171	17,8	42	16,9	0	0	0	0	0	0	0	0	0		
Connecticut.....	3	0	0	48	4,9	10	3,8	16	9	620	0	0	0	0	0	0	57	92,2	16	16,9	0	0	0	0	0	0	0	0		
Dakota, District of Columbia.....	3	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Florida.....	1	0	0	40	29,4	14	36,9	1	0	10	7,4	4	10,6	3	0	62	45,8	14	36,9	0	0	0	0	0	0	0	0	0		
Georgia.....	1	0	0	127	17,0	25	15,5	4	0	57	7,6	16	9,9	2	0	69	9,2	18	11,2	0	0	0	0	0	0	0	0	0		
Idaho.....	1	0	0	6	8,2	2	10,3	5	0	0	1,374	40,6	0	0	322	41,2	25	0	10	14,7	4	21,1	0	0	0	0	0	0	0	0
Illinois.....	1	0	0	108	10,6	17	9,6	12	51	2	294	49,5	25	1	295	32,0	19	26,0	0	0	0	0	0	0	0	0	0			
Iowa.....	1	0	0	114	6,8	18	4,6	28	0	994	69,5	20	59,1	8	0	145	8,7	25	9,0	0	0	0	0	0	0	0	0			
Kansas.....	13	0	112	11,4	35	23,6	6	0	65	13,1	19	12,8	4	11	178	20,4	22	14,9	0	0	0	0	0	0	0	0	0			
Kentucky.....	1	0	0	9	1,8	0	0	0	18	1	421	83,8	69	61,9	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Louisiana.....	9	0	260	56,5	0	0	0	0	173	37,5	0	0	0	0	27	22,1	8	0	148	37,1	0	0	0	0	0	0	0	0		
Maine.....	0	0	0	0	0	0	0	0	5	2	101	25,8	55	23,8	8	0	148	37,1	0	0	0	0	0	0	0	0	0			
Maryland.....	1	0	0	14	1,6	0	0	1	0	14	1,3	0	0	3	1	50	5,9	11	3,8	0	0	0	0	0	0	0	0	0		
Massachusetts.....	2	0	124	16,5	26	2,9	28	31	1,116	32,1	311	34,4	18	22	812	23,3	185	20,5	4	26	7	5	0	0	0	0	0			
Michigan.....	15	2	311	17,1	68	15,4	14	0	473	25,8	86	20,2	6	0	173	9,6	47	10,7	0	0	0	0	0	0	0	0	0			
Minnesota.....	11	0	203	15,7	51	19,0	42	10	355	21,5	144	41,6	19	6	592	30,2	116	27,8	0	0	0	0	0	0	0	0	0			
Mississippi.....	10	0	189	11,4	51	19,0	42	12	335	21,5	144	41,6	19	6	61	17,4	0	0	0	0	0	0	0	0	0	0				
Missouri.....	10	0	189	11,4	51	19,0	42	12	335	21,5	144	41,6	19	6	61	17,4	0	0	0	0	0	0	0	0	0	0				
Montana.....	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

## **NURSE TRAINING SCHOOLS, 1918.**

1 Thirty-four schools enrolling 1,132 pupils did not report educational entrance requirements.

One additional school, with 1,100 pupils and 55 graduates, reported educational entitance requirement as "Normal school."

<sup>2</sup> One additional school, with 14 pupils and 4 graduates, reports "No educational requirements."

TABLE 17.—*Distribution of nurse training schools, nurse pupils, and graduates according to the educational requirement for admission in hospitals for the treatment of the insane in 1917-18.*

## NURSE TRAINING SCHOOLS, 1918.

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Ohio.....	4	5	4.0	75	72.2	3	7.8	28	73.7	1	0	25	23.2	0	0	7.18	5
Oklahoma.....	0	0	0	0	0	0	0	0	0	0	0	15	100.0	0	0	0	0
Pennsylvania.....	3	9	3.3	112	43.7	5	7.7	32	49.2	4	1	44	1.0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	131	100.0	0	0	0	0
South Carolina.....	1	0	0	40	100.0	0	0	0	0	0	0	24	30.0	0	0	0	0
Vermont.....	1	5	14.7	29	85.3	6	0	2	100.0	0	0	0	0	0	0	0	0
Wisconsin.....	1	6	14.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup> None of these schools reports that a full high-school course of instruction is essential for admission.

<sup>2</sup> One school in Rhode Island reports eighth grade educational requirement, but is unable to secure attendants, and 3 schools not included do not report the educational requirement for admission.

<sup>3</sup> One school, with 7 men and 32 women enrolled, reports "examination required."

**ENROLLMENT OF PUPILS IN NURSE TRAINING SCHOOLS REPORTING BOTH PUPILS AND EDUCATIONAL REQUIREMENT FOR ADMISSION.**

The relations between percentage of pupils enrolled in the corresponding percentage of schools having the various educational requirements for admission is significant. Assembling the corresponding data for schools and pupils given in Table 14, it is found that 1,569 schools report both the educational requirements for admission and a total enrollment aggregating 51,082 nurse pupils, distributed as follows:

Requirement for admission (1918).	Schools.	Percent.	Nurse pupils.	Per cent.
Eighth grade.....	190	12.1	3,757	7.3
One year of high school.....	670	42.7	21,087	41.3
Two years of high school.....	260	16.5	9,769	19.1
Three years of high school.....	9	.6	304	.6
Complete high-school course.....	440	28.1	16,163	31.7
Total.....	1,569	100.0	51,082	100.0

When the educational requirement for admission is low, i. e., the eighth grade or one year of high school, the percentage of schools exceeds the corresponding percentage of pupils, and when this requirement is high, i. e., two years of high-school work or a full high-school course, the percentage of pupils exceeds the corresponding percentage of schools. To state this condition in averages, it is found that schools requiring the completion of the eighth grade for admission have an average enrollment of 19 pupils; those requiring one year of high school for admission, 31 pupils; those requiring two years of high school for admission, 37 pupils; and those requiring a full high-school course for admission, 37 pupils. Thus it is seen that the larger schools on an average have the higher requirements for admission. Combining the schools requiring only the completion of the eighth grade or one year of high school for admission and the pupils enrolled in these schools, and also adding the schools requiring two years of high-school work or a full high-school course for admission and the corresponding pupils enrolled in these schools, it is found that the average enrollment in the former group is only 29, as against 37 in the latter. In other words, the schools with high admission requirements are more than 27 per cent larger than those with low requirements. This condition implies that schools having high educational requirements for admission enroll more than the average number of pupils. Therefore, it may be said that the larger schools generally have the higher educational requirements for admission.

In training schools in hospitals for insane patients it is found that the schools requiring an eighth-grade course for admission aggregate 54 per cent of the total number of schools reporting, but they enroll

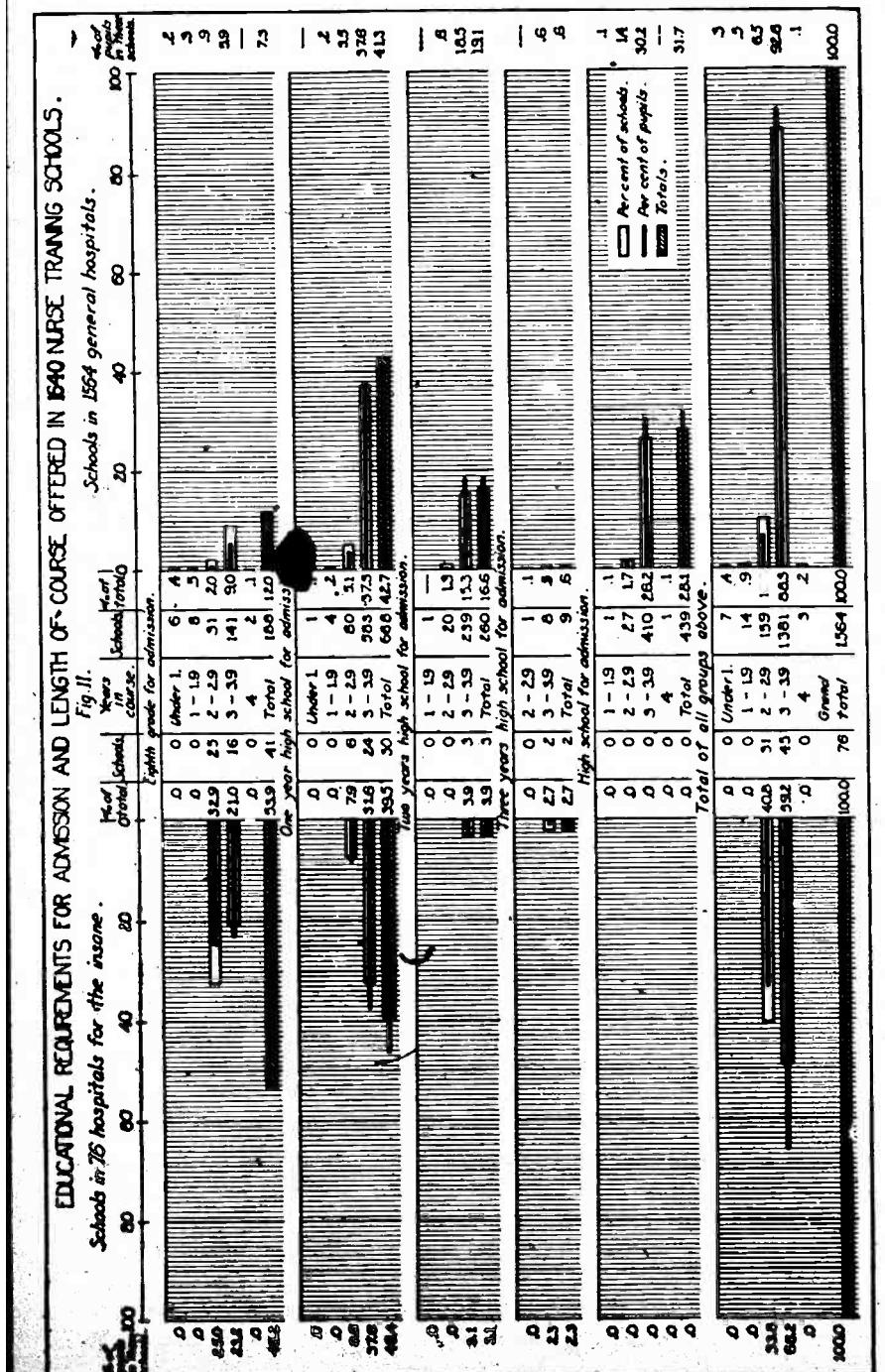
only 48.3 per cent of the nurse pupils, while the schools requiring a one-year high-school education for admission aggregate 39.5 per cent of the total and enroll 46.4 per cent of the nurse pupils. Considering only the two larger groups of schools, i. e., those requiring the completion of the eighth grade or of one year of high school for admission, it is found that schools having the former requirement enroll on an average only 34 nurse pupils, whereas schools having the latter requirement enroll 45 nurse pupils. It is seen, therefore, that the schools requiring one year of high-school work for admission are 32 per cent larger than those requiring only an eighth grade for admission. It is evident, also, as in the case of the general hospitals, that the larger schools generally have the higher educational requirement for admission. In other words, smaller schools must generally maintain lower educational entrance requirements to secure a sufficient number of nurse pupils to care for their patients, while the larger hospitals offering exceptional and varied facilities for professional training can maintain higher educational standards for admission and still secure a sufficient number of pupils to carry on the work of the hospital.

#### RELATION BETWEEN LENGTH OF COURSE AND ENTRANCE REQUIREMENT.

An inspection of Table 14 reveals the fact that only the schools appearing in the first five general groups made a complete report on the educational entrance requirement, the length of the course in years, and the number of nurse pupils enrolled. These statistics for these 1,640 schools for both general hospitals and hospitals for the insane are shown graphically in figure 11 for several specific purposes:

First, to show the number and percentage of schools having the various requirements for admission, as indicated by the cross-lined bars. The "pins" inclosed in these bars represent the percentage of students who have presumably met these requirements. This distribution of schools and pupils according to the requirement for admission has been discussed above, where every school making a report on its educational entrance requirement, as indicated in Table 14, was added to make a complete summary which would be comparable to the corresponding statistics for 1911.

Second, to show that the larger schools generally have the higher entrance requirements since the "pins" project beyond the cross-lined bars for schools in general hospitals requiring a two-year high-school or a full high-school course for admission and for schools in hospitals for the insane requiring two years of high school work for admission, both of which tendencies have been pointed out above for all schools which give, as shown in Table 14, both the educational requirement for admission and their enrollment.



Third, to show graphically by means of the last group of bars, "Total of all groups above," just how many schools offer courses varying from less than one year to four years in length. Almost nine times as many schools offer a three-year course as offer a two-year course in general hospitals, and about one and one-half times as many in schools in hospitals for the insane offer a three-year as offer a two-year course. This situation has been indicated for all schools reporting the length of course offered, as shown in Table 14, and the data were compared with corresponding data for 1911.

Fourth, to show that the larger schools generally have the longer course of three years. This condition was pointed out in the discussion of Table 14, wherein all schools reporting both the length of course and the enrollment are assembled. In figure 11 this situation is shown graphically. By reference to the last group of bars, "Total of all groups above," it will be seen that the "pins" project beyond the open bars only in bars representing schools having a three-year course, indicating that these schools enroll more pupil nurses on an average than do schools offering only a two-year course.

Fifth, to show that the schools having high requirements for admission more generally offer the longer course. By comparing the lengths of the two bars in figure 11 representing two and three year courses in general hospitals under the different subdivisions for the respective requirements for admission, it will be observed that the three-year bar is over four times as long as the two-year bar in the first group, representing schools having the eighth grade requirement for admission; over seven times as long in the second group, representing schools with the requirement of one year of high school work for admission; nearly twelve times as long in the third group, representing schools with the requirement of two years of high school work for admission; and over fifteen times as long in the fifth group, representing schools with the requirement of a full high-school course for admission. The schools in the fourth group requiring three years of high school work for admission are omitted from this comparison since only 9 schools have this requirement. Thus it will be seen that the higher the minimum requirement for admission the greater the proportion of schools offering a three-year course. In other words, more than three times as great a proportion of nurse training schools in general hospitals having the minimum requirement of a full high-school course for admission offer a three-year course as do schools having only the eighth grade requirements for admission.

By making similar comparison for the bars representing hospitals for the insane, it will be noted that the same situation prevails. Since practically all schools of this type require only an eighth grade or one year of high school for admission the few schools having a

higher requirement should not be considered, as they are so few in number that they are not representative of these higher groups. Where only an eighth-grade education is required for admission, about two-thirds as many schools give a three-year as give a two-year course, while four times as many schools requiring one year of high school for admission give a three-year as give a two-year course. This reversal in the relative lengths of the two and three year bars clearly implies that the higher the educational requirement for admission the longer the course offered in hospitals for the treatment of the insane. To state this relationship numerically, over six times as great a proportion of nurse training schools in hospitals for the insane, having as a minimum requirement for admission one year of high-school work, offer a three-year course as do schools with the lower requirement of an eighth-grade education for admission.

#### NURSE TRAINING SCHOOLS AFFILIATED WITH COLLEGES AND UNIVERSITIES.

One of the very essential features of an efficient nurse training course is that adequate facilities be available for giving the preliminary academic instruction incident to such a course. A few schools meet this problem by a carefully planned course given within the hospital, but frequently nurse training schools have no regular instructors and no available laboratory properly equipped for imparting the academic instruction so essential to every well organized course. Often the instruction is left entirely to the superintendent of nurses, and not infrequently to some of the more mature pupils in training. Frequently the laboratory is not well enough equipped to give the instructor, either physician, paid instructor, superintendent of nurses, or nurse pupil, an opportunity to present the preliminary instruction in the most efficient manner. Many nurse training schools have solved this difficulty by having regular college or university instructors, usually in the school of medicine, give these general science courses to the nurse pupil in training. Wherever such an arrangement exists the hospital which maintains the nurse training school is affiliated with the college or university. A decided advantage accrues to the training school from this affiliation, since the teaching is left entirely to specialists who are not only thoroughly familiar with their special work but who are also professionally trained for presenting the instruction in the most effective manner, and since a well equipped laboratory is always at the disposal of the instructor. By this plan the academic training is placed on a college basis, and collegiate credit is generally given for it, thereby tending to elevate and dignify the professional training of nurses. The following colleges and universities offer nurse training

courses of the character just described. Only those institutions have been included in which nurse training courses have been made an organized part of the curriculum, and which are affiliated with one or more hospitals in which the practical work of the nurse training course is given:

Talladega College, Alabama.	University of Minnesota. <sup>1</sup>
University of California.	University of Missouri. <sup>1</sup>
Leland Stanford Junior University, California.	Washington University. <sup>1</sup>
University of Colorado. <sup>1</sup>	State College of Agriculture and Mechanic Arts (University of Montana).
George Washington University, <sup>1</sup> District of Columbia.	Columbia University, New York.
Washington Missionary College, District of Columbia.	Syracuse University, New York.
Northwestern University, Illinois.	Ohio State University.
Indiana University.	University of Cincinnati, Ohio.
State University of Iowa.	Wilberforce University, Ohio.
University of Kansas.	University of Oklahoma.
Berea College, Kentucky.	University of Pennsylvania.
Simmons College, Massachusetts.	Temple University, Pennsylvania.
University of Michigan. <sup>1</sup>	University of Texas. <sup>1</sup>
	University of Virginia. <sup>1</sup>
	University of Wyoming.

<sup>1</sup> This institution offered a nurse training course in 1911.

142573°-20-4

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 18.—Summary of statistics of schools for the training of professional nurses, including schools in hospitals for the treatment of the insane, in 1917-18.

States.	Total number of schools.	Nurse pupils.			Graduates.	Capacity (beds).	Average daily number of patients.	Schools not reporting.
		Men.	Women.	Total.				
1	2	3	4	5	6	7	8	9
United States...	1,776	622	54,029	55,251	13,751	303,183	225,899	67
Alabama...	24	4	470	474	104	2,951	2,359	2
Arizona...	1	0	20	20	6	75	45	0
Arkansas...	14	2	225	230	75	1,066	690	0
California...	74	58	3,285	3,343	732	9,832	7,060	0
Colorado...	20	6	741	747	129	2,034	1,395	0
Connecticut...	27	12	1,003	1,015	296	7,050	6,209	0
Delaware...	4	0	62	62	11	320	193	1
District of Columbia...	11	36	611	647	136	7,210	6,314	0
Florida...	7	0	136	136	38	430	254	0
Georgia...	35	1	781	782	196	2,577	4,599	1
Idaho...	9	0	68	68	19	520	238	0
Illinois...	110	8	3,659	3,667	1,065	22,192	14,503	3
Indiana...	41	2	1,071	1,073	190	2,804	1,890	2
Iowa...	54	22	1,405	1,427	418	8,041	6,296	1
Kansas...	43	15	637	672	157	1,198	1,233	3
Kentucky...	27	5	521	526	107	4,901	4,049	4
Louisiana...	13	0	460	460	117	2,580	1,422	1
Maine...	27	3	458	461	115	3,068	2,506	4
Maryland...	29	8	1,113	1,121	297	5,429	2,778	1
Massachusetts...	103	13	4,378	4,512	1,160	27,403	20,501	1
Michigan...	50	25	1,922	1,947	477	12,177	6,646	1
Minnesota...	56	14	2,113	2,127	455	8,828	7,901	1
Mississippi...	22	0	240	240	52	1,119	667	3
Missouri...	48	3	1,727	1,730	351	7,092	5,380	0
Montana...	15	1	348	349	80	1,131	788	0
Nebraska...	31	13	725	738	128	3,180	1,575	1
Nevada...	1	0	16	16	5	40	5	0
New Hampshire...	25	0	423	425	136	2,448	1,942	1
New Jersey...	48	10	1,379	1,389	412	9,451	8,262	0
New Mexico...	1	0	3	3	1	90	90	0
New York...	109	116	6,926	7,042	2,275	61,034	60,905	8
North Carolina...	42	2	729	731	150	3,037	2,022	4
North Dakota...	17	0	392	392	87	970	817	1
Ohio...	90	19	2,631	2,650	645	16,848	12,985	7
Oklahoma...	24	0	374	374	76	2,068	1,446	1
Oregon...	17	2	439	441	106	1,505	1,152	0
Pennsylvania...	189	81	6,214	6,375	1,464	32,150	23,036	4
Rhode Island...	13	5	477	482	123	2,972	2,548	0
South Carolina...	18	0	373	373	112	3,164	596	1
South Dakota...	12	0	185	185	36	803	381	1
Tennessee...	20	1	534	535	118	1,810	1,043	2
Texas...	28	2	1,021	1,023	218	3,321	2,253	0
Utah...	7	0	297	297	64	861	562	0
Vermont...	13	7	258	265	66	1,352	1,118	0
Virginia...	39	1	754	755	161	3,984	3,188	3
Washington...	23	0	812	812	213	2,714	2,099	1
West Virginia...	36	0	589	589	127	2,230	1,314	2
Wisconsin...	38	4	1,002	1,006	217	3,333	2,198	1
Wyoming...	4	0	77	77	10	270	152	0

## NURSE TRAINING SCHOOLS, 1918.

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TABLE 19.—Summary of statistics of general nurse training schools in 1917-18.

States.	Schools	Nurse pupils.			Graduates.	Capacity (beds).	Average daily number of patients.
		Men.	Women.	Total.			
		1	2	3	4	5	6
United States	1,692	290	51,928	52,218	12,966	176,747	123,070
Alabama	23	4	419	433	98	1,485	909
Arizona	1	0	20	20	6	75	45
Arkansas	18	2	228	230	75	1,066	690
California	71	58	3,285	3,343	732	9,852	7,460
Colorado	20	6	711	717	129	2,054	1,395
Connecticut	25	9	968	977	282	3,190	2,378
Delaware	4	0	62	62	11	320	193
District of Columbia	10	9	553	562	115	3,700	2,984
Florida	7	0	136	136	38	430	254
Georgia	34	0	746	746	161	2,377	1,429
Idaho	9	0	68	68	19	520	234
Illinois	105	6	3,584	3,590	1,016	12,095	8,654
Indiana	41	2	1,071	1,073	190	2,968	1,890
Iowa	49	2	1,668	1,670	349	3,885	2,715
Kansas	41	11	645	656	118	1,798	1,233
Kentucky	24	1	505	506	97	2,033	1,039
Louisiana	13	0	450	450	117	2,580	1,822
Maine	25	2	397	399	105	1,208	858
Maryland	27	5	1,061	1,066	247	3,649	2,638
Massachusetts	92	51	3,073	3,727	1,022	10,964	6,390
Michigan	46	13	1,818	1,831	441	5,085	3,796
Minnesota	53	0	1,962	1,962	421	5,726	3,197
Mississippi	21	0	270	270	50	1,009	605
Missouri	47	3	1,701	1,704	350	5,787	4,059
Montana	15	1	348	349	60	1,131	788
Nebraska	30	13	718	731	124	2,430	1,572
Nevada	1	0	16	16	5	40	5
New Hampshire	24	0	377	377	120	1,098	688
New Jersey	45	0	1,303	1,303	387	5,301	3,783
New Mexico	1	0	3	3	1	90	90
New York	158	10	6,427	6,437	2,102	24,014	18,069
North Carolina	41	2	719	721	150	1,987	1,672
North Dakota	17	0	392	392	87	970	517
Ohio	85	14	2,528	2,542	647	8,818	6,105
Oklahoma	23	0	359	359	71	1,038	562
Oregon	17	2	439	441	106	1,505	1,152
Pennsylvania	181	46	6,011	6,057	1,377	23,977	17,812
Rhode Island	11	5	399	404	100	1,322	978
South Carolina	17	0	333	333	103	1,008	564
South Dakota	12	9	185	185	36	603	381
Tennessee	20	1	534	535	116	1,810	1,043
Texas	28	2	1,021	1,023	218	3,321	2,253
Utah	7	0	297	297	64	861	562
Vermont	12	2	229	231	61	582	375
Virginia	38	1	754	755	161	2,584	1,903
Washington	20	0	812	812	213	2,714	2,099
West Virginia	36	0	589	589	121	2,230	1,314
Wisconsin	37	4	987	991	215	3,183	2,038
Wyoming	4	0	77	77	10	270	152

TABLE 20.—*Summary of statistics of schools in hospitals for the treatment of the insane, training pupils for professional nurses, in 1917-18.*

States.	Schools.	Nurse pupils.			Graduates.	Capacity (beds).	Average daily number of patients.
		Men.	Women.	Total.			
1	2	3	4	5	6	7	8
United States.....	84	332	2,701	3,033	785	126,446	102,829
Alabama.....	1	0	21	21	6	1,500	1,450
Connecticut.....	2	3	35	38	14	3,860	3,831
District of Columbia.....	1	27	58	85	21	3,500	3,330
Georgia.....	1	1	35	36	35	200	170
Illinois.....	5	2	75	77	49	10,097	5,909
Iowa.....	5	20	137	157	29	4,756	3,575
Kansas.....	2	4	12	16	9	2,868	3,910
Kentucky.....	3	4	16	20	10	1,800	1,738
Maine.....	2	1	61	62	10	1,750	140
Maryland.....	2	3	52	55	10	1,750	140
Massachusetts.....	11	80	705	785	138	16,439	14,161
Michigan.....	4	12	104	116	36	7,092	2,850
Minnesota.....	3	14	151	165	34	3,100	4,404
Mississippi.....	1	0	10	10	2	110	92
Missouri.....	1	0	26	26	1	1,305	1,301
Nebraska.....	1	0	7	7	4	750	3
New Hampshire.....	1	0	48	48	16	1,350	1,254
New Jersey.....	3	10	76	86	25	4,550	4,479
New York.....	14	106	499	605	173	37,020	32,708
North Carolina.....	1	0	10	10	.....	1,050	950
Ohio.....	5	5	103	108	38	6,030	6,780
Oklahoma.....	1	8	15	15	2	1,030	884
Pennsylvania.....	8	35	283	318	87	8,173	6,124
Rhode Island.....	2	0	78	78	23	1,650	1,570
South Carolina.....	1	0	40	40	9	2,156	.....
Vermont.....	1	5	29	34	2	770	743
Virginia.....	1	0	15	15	2	1,400	1,225
Wisconsin.....	1	0	.....	.....	2	150	150

NURSE TRAINING SCHOOLS, 1917-18.

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TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.			Capacity (beds).	Average number of patients daily.		
		Men.	Women.					First year.	Second year.	Third year.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALABAMA.														
Albany.....	Benevolent Society Hospital.....	1	16	0	18	8th grade.....	12	3	0	\$60	\$60	14	14	
Anniston.....	Seller's Hospital.....	0	12	4	20	1 yr. H. S.....	8	3	0	120	120	30	18	
Bessemer.....	Elizabeth Duncan Memorial Hospital.....	0	7	.....	.....	8th grade.....	10	3	0	108	120	50	20	
Birmingham.....	Birmingham Infirmary.....	1	45	19	18	1 yr. H. S.....	10	3	0	96	120	114	175	
Do.....	Hillman Hospital.....	0	40	4	18	1 yr. H. S.....	10	3	0	96	120	120	200	
Do.....	Nowood Hospital.....	0	40	4	18	1 yr. H. S.....	10	3	0	96	120	120	150	
Do.....	Dr. E. M. Robinsen's Hospital.....	0	10	2	18	H. S.....	10	3	0	120	120	120	35	
Do.....	St. Vincent's Hospital.....	0	44	9	18	8th grade.....	12	3	0	60	60	125	25	
Do.....	South Highlands Hospital.....	0	20	4	18	2 yrs. H. S.....	10	3	0	60	60	120	100	
Do.....	Moody Hospital.....	0	15	2	18	8th grade.....	12	3	0	96	120	144	50	
Do.....	Coffee County Sanitarium.....	0	2	0	18	H. S.....	10	3	0	96	120	180	20	
Do.....	Huntsville City Infirmary.....	0	19	2	17	8th grade.....	12	3	0	96	96	96	30	
Mobile.....	City Hospital.....	0	16	3	20	2 yrs. H. S.....	10	3	0	96	120	120	30	
Do.....	Tinge-Bondurant Sanatorium.....	0	18	5	18	2 yrs. H. S.....	10	3	0	96	120	144	30	
Do.....	Mobile Infirmary.....	0	25	2	18	2 yrs. H. S.....	10	3	0	0	0	60	30	
Do.....	Providence Infirmary.....	0	15	3	19	8th grade.....	9	3	0	96	120	144	40	
Do.....	Southern Infirmary.....	0	12	2	20	8th grade.....	12	3	0	96	120	114	30	
Montgomery.....	Highland Park Sanatorium.....	0	20	1	20	8th grade.....	12	3	0	140	204	240	25	
Do.....	Laura Hill Hospital.....	0	40	1	18	3 yrs. H. S.....	12	3	0	96	120	102	85	
Do.....	St. Margaret's Hospital.....	0	5	0	18	3 yrs. H. S.....	12	3	0	0	0	27	10	
Normal.....	Virginia McCollum Hospital.....	0	7	3	20	1 yr. H. S.....	10	4	0	0	0	60	25	
Talladega.....	College Hospital.....	2	31	6	20	1 yr. H. S.....	10	3	0	0	0	0	12	
Tuskegee.....	John A. Andrew Memorial Hospital.....	0	20	6	20	8th grade.....	8	3	0	96	120	96	45	
ARIZONA.														
Tucson.....	St. Mary's Hospital.....	0	1	1	18	8th grade.....	9	3	0	120	120	120	21	
ARKANSAS.														
Crossett.....	Crossett Hospital.....	0	12	4	19	1 yr. H. S.....	9	2	0	84	84	84	30	
Fayetteville.....	City Hospital.....	0	13	3	19	1 yr. H. S.....	12	2	0	60	60	60	25	
Fort Smith.....	St. Edward's Infirmary.....	0	15	2	19	1 yr. H. S.....	10	2	0	60	60	60	25	
Do.....	St. John's Hospital.....	0	28	9	19	8th grade.....	10	2	0	120	120	114	50	
Do.....	Sparks Memorial Hospital.....	0	9	4	18	H. S.....	10	2	0	108	108	108	35	
Helena.....	Helena Hospital.....	0	8	1	20	H. S.....	12	2	0	72	72	72	25	
Hot Springs.....	Algoma Sanitarium.....	0	8	1	.....	.....	.....	.....	.....	.....	.....	.....	18	

<sup>1</sup> Not report.

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Arkansas—contd.				Aver- age num- ber of pe- tients daily.	
		Nurse pupils.	Gradu- ate, Men.	Gradu- ate, Women.	Requirements for admission.		
1	2	3	4	5	6	7	
Hot Springs.	Levi Memorial Hospital	0	12	3	19	8th grade.....	60
Do.	St. Joseph's Hospital	0	16	3	19	8th grade.....	60
Little Rock.	Little Rock Sanatorium	0	20	6	18	8th grade.....	63
Do.	Little Rock Memorial Hospital	0	10	4	20	8th grade.....	75
Franklin County Hospital.	Franklin County Hospital	0	16	3	20	2 yrs. H. S.....	120
Do.	St. Vincent's Hospital	0	37	18	19	2 yrs. H. S.....	175
Parragould.	Parragould Sanitarium	0	6	5	19	1 yr. H. S.....	60
Pine Bluff.	Clark Sanitarium	0	9	2	18	8th grade.....	120
Do.	Davis Hospital	0	10	4	18	8th grade.....	120
Texarkana.	Florence Sanitarium	2	12	3	18	2 yrs. H. S.....	120
Do.	Michael Meagher Memorial Hospital	0	0	0	19	2 yrs. H. S.....	120
CALIFORNIA.							
Alameda.	Alameda Sanatorium.....	0	32	8	18	8th grade.....	96
Bakersfield.	Merry Hospital	0	33	8	20	11 yrs. H. S.....	72
Berkeley.	Alta Bates Sanatorium	0	27	8	19	11 yrs. H. S.....	84
Do.	Roosevelt Hospital	0	6	1	18	8th grade.....	60
Eureka.	Sequoia Hospital and Sanitarium	0	15	3	18	8th grade.....	60
Do.	Uvaline Labor Hospital	0	15	4	18	11 yrs. H. S.....	60
French Camp.	San Joachin Hospital	0	30	2	18	11 yrs. H. S.....	60
Do.	Burnett Sanitarium.	0	54	5	20	11 yrs. H. S.....	60
Glendale.	Glendale Sanitarium and Hospital	10	46	11	19	11 yrs. H. S.....	96
Hanford.	Hanford Sanitarium Memorial Hospital	0	10	1	18	8th grade.....	120
Hollister.	Hollister Hospital	0	7	1	18	8th grade.....	60
Los Linds.	Levi Hawkins Memorial Hospital	17	63	17	19	11 yrs. H. S.....	120
Los Angeles.	Loma Linda Sanitarium	0	139	20	11 yrs. H. S.....	120	
Do.	Angela Hospital	0	95	27	19	2 yrs. H. S.....	120
Do.	California Hospital	0	38	0	19	2 yrs. H. S.....	120
Do.	Children's Hospital	0	20	13	20	11 yrs. H. S.....	120
Do.	Clara Barton Hospital	0	161	31	19	2 yrs. H. S.....	120
Do.	Los Angeles County Hospital	0	15	7	19	2 yrs. H. S.....	120
Do.	Emergency and General Hospital	0	19	7	19	2 yrs. H. S.....	120
Do.	Hospital of the Good Samaritan	0	56	19	19	11 yrs. H. S.....	120
Do.	Methodist Hospital	0	41	17	19	11 yrs. H. S.....	120
Do.	Hospital of the College of Osteopathic Physicians and Surgeons.	0	0	1	7	11 yrs. H. S.....	120

## **NURSE TRAINING SCHOOLS, 1918.**

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.			Capacity (beds).	Average number of patients daily.		
		Men.	Women.					Age, years.	Education (minimum).	First year.	Second year.	Third year.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Colorado.														
Boulder.	Boulder-Colorado Sanitarium-Hospital	6	29	4	19	H. S. ....	6	3	\$36	\$240	\$365	\$392	90	70
Do.	Beth-El Hospital	3	20	20	H. S. ....	9	3	0	48	72	72	72	55	55
Colorado Springs.	Do.	6	12	20	2 yrs. H. S. ....	9	3	0	94	94	94	94	82	82
Do.	Glockner Hospital	12	22	12	1 yr. H. S. ....	9	3	0	94	94	94	94	130	125
Denver.	Children's Hospital	0	23	12	1 yr. H. S. ....	10	3	0	72	96	120	120	120	120
Do.	City and County Hospital	0	91	18	20	2 yrs. H. S. ....	8	3	0	120	120	120	120	120
Do.	Merry Hospital	0	38	17	20	1 yr. H. S. ....	8	3	20	96	96	96	96	100
Do.	Par Avant Hospital	0	16	5	19	2 yrs. H. S. ....	9	3	0	72	72	72	72	72
Do.	St. Joseph's Hospital	0	119	20	20	2 yrs. H. S. ....	9	3	0	72	72	72	72	190
Do.	St. Luke's Hospital	127	15	18	H. S. ....	3	3	0	72	72	72	72	140	110
Do.	St. Luke's Hospital	0	12	3	8th grade	10	3	0	96	96	120	120	120	120
Fort Collins.	Fort Collins Hospital	0	9	1	18	2 yrs. H. S. ....	9	3	0	100	100	120	120	120
Glenwood Springs.	Glenwood Sanitarium	0	9	2	18	1 yr. H. S. ....	9	3	0	96	96	96	96	96
Grand Junction.	St. Mary's Hospital	0	14	1	18	1 yr. H. S. ....	8	3	0	72	72	72	72	72
Greeley.	Greely Hospital	0	7	3	19	1 yr. H. S. ....	8	3	0	120	120	120	120	120
La Junta.	La Junta Sanitarium	0	15	18	18	2 yrs. H. S. ....	8	3	0	144	144	144	144	145
Longmont.	Longmont Hospital	0	8	0	21	1	3	0	120	120	120	120	120	120
Loveland.	Suburban Hospital	0	40	8	6	8th grade	8	3	0	84	84	84	84	85
Pueblo.	Minneus Hospital	0	44	6	18	H. S. ....	8	3	0	63	63	63	63	65
Do.	St. Mary's Hospital	0	30	4	18	H. S. ....	8	3	0	0	0	0	0	0
Tripled.	Mount San Rafael Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
consecutur.														
Bridgeport.	Bridgeport Hospital	0	98	34	19	1 yr. H. S. ....	10	3	0	108	108	108	108	224
Do.	Galen Hospital	0	8	0	19	H. S. ....	10	3	0	60	84	120	120	20
Do.	St. Vincent's Hospital	0	100	16	20	1 yr. H. S. ....	10	3	0	60	60	60	60	175
Danbury.	Danbury Hospital	0	26	7	18	1 yr. H. S. ....	10	3	0	96	96	120	120	144
Darby.	Darby Hospital	0	27	10	19	1 yr. H. S. ....	10	2	0	96	96	120	120	120
Greenwich.	Greenwich Hospital	0	32	10	18	1 yr. H. S. ....	10	0	0	96	96	120	120	106
Harford.	Harford Hospital	0	6	3	20	8th grade	10	1	0	96	96	120	120	120
Do.	Charter Oak Private Hospital	0	141	42	18	2 yrs. H. S. ....	9	3	0	96	96	120	120	120
Do.	Hartford Hospital	0	120	25	19	1 yr. H. S. ....	9	3	0	120	120	120	120	120
Do.	St. Francis Hospital	0	6	6	18	1 yr. H. S. ....	10	3	0	48	48	60	60	75
Do.	Wilson Sanitarium	0	6	5	18	1 yr. H. S. ....	12	3	0	96	96	120	120	120
Middleton.	Middleton Hospital	0	32	8	19	1 yr. H. S. ....	9	3	0	120	120	120	120	120
Middletown.	Middletown	0	0	0	0	0	0	0	0	0	0	0	0	0

**NURSE TRAINING SCHOOLS, 1918.**

DISTRICT OF COLUMBIA		NURSE TRAINING SCHOOLS, 1918.											
		1 yr. H. S.	2 yrs. H. S.	3 yrs. H. S.	4 yrs. H. S.	5 yrs. H. S.	6 yrs. H. S.	7 yrs. H. S.	8 yrs. H. S.	9 yrs. H. S.	10 yrs. H. S.	11 yrs. H. S.	12 yrs. H. S.
New Britain	0	30	5	21	18	10	0	0	0	0	0	0	0
New Haven	0	14	6	18	10	3	0	0	0	0	0	0	0
Do.	0	100	20	18	10	3	0	0	0	0	0	0	0
New London	0	42	11	20	10	3	0	0	0	0	0	0	0
Do.	0	11	19	10	3	0	0	0	0	0	0	0	0
Norwalk	0	18	7	20	10	3	0	0	0	0	0	0	0
Norwich	0	12	6	21	10	3	0	0	0	0	0	0	0
Newark	0	24	6	13	10	3	0	0	0	0	0	0	0
Ward	0	15	11	20	10	3	0	0	0	0	0	0	0
Wethersfield	0	18	14	21	10	3	0	0	0	0	0	0	0
Windsor	0	38	10	19	10	3	0	0	0	0	0	0	0
Windsor	0	24	6	19	10	3	0	0	0	0	0	0	0
Winsted	0	15	4	19	10	3	0	0	0	0	0	0	0
DELAWARE													
Wilmington	0	41	8	18	12	3	0	0	0	0	0	0	0
Do.	0	16	2	18	12	3	0	0	0	0	0	0	0
Do.	0	5	1	18	12	3	0	0	0	0	0	0	0
Delaware Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
Homeopathic Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
Physicians and Surgeons Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0
MA.													
Woburn	0	30	12	18	10	8	6	3	0	0	0	0	0
Do.	0	62	7	19	12	8	6	3	0	0	0	0	0
Do.	0	62	8	21	12	9	6	3	0	0	0	0	0
Do.	0	85	10	20	12	9	6	3	0	0	0	0	0
Do.	0	37	13	19	12	9	6	3	0	0	0	0	0
Do.	0	66	14	19	12	9	6	3	0	0	0	0	0
Do.	0	32	6	18	12	9	6	3	0	0	0	0	0
Do.	0	90	26	20	12	9	6	3	0	0	0	0	0
Do.	0	62	15	21	12	9	6	3	0	0	0	0	0
Do.	0	74	0	21	12	9	6	3	0	0	0	0	0
FLORIDA													
Jacksonville	0	42	12	20	12	9	6	3	0	0	0	0	0
Do.	0	17	6	19	12	9	6	3	0	0	0	0	0
Pensacola	0	23	8	18	12	9	6	3	0	0	0	0	0
St. Augustine	0	10	4	19	12	9	6	3	0	0	0	0	0
Do.	0	14	0	19	12	9	6	3	0	0	0	0	0
St. Petersburg	0	6	2	18	12	9	6	3	0	0	0	0	0
Tampa	0	24	6	19	12	9	6	3	0	0	0	0	0
OKLAHOMA													
Athens	0	13	0	18	12	9	6	3	0	0	0	0	0
Atlanta	0	20	5	18	12	9	6	3	0	0	0	0	0
Do.	0	5	1	18	12	9	6	3	0	0	0	0	0
Do.	0	45	12	19	12	9	6	3	0	0	0	0	0

\* First 6 months.      \* Second 6 months.

\* Third 6 months.

\* Temporarily suspended during the war.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates.	Age, years.	Requirements for admission.	Hours of duty in course daily.	Years in course.	Tuition.	Remuneration.			Average number of patients daily.	
		Men.	Women.							First year.	Second year.	Third year.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Georgia—continued.</b>														
Atlanta	Georgia Baptist Hospital	65	8	20	19	10	3	0	\$60	\$60	\$60	\$118	\$60	
Do.	Dr. William Bernard Lingo's Hospital	57	16	18	11	9	0	108	108	108	108	271	210	
Do.	MacVicar Hospital	16	6	20	11	10	0	96	96	96	96	40	40	
Do.	Dr. Noble's Private Hospital	29	8	21	11	9	0	0	0	0	0	42	22	
Do.	Pedment Sanatorium	10	2	20	11	12	0	108	108	108	108	25	15	
Do.	St. Joseph's Infirmary	41	12	20	11	9	0	60	60	60	60	120	50	
Do.	Wesley Memorial Hospital	83	8	18	11	12	0	96	96	96	96	125	42	
Do.	Wesley Hospital	36	12	19	11	9	0	96	96	96	96	120	60	
Augusta	Do.	8	2	18	11	9	0	59	59	59	59	120	60	
Do.	Wilberforce Children's Hospital	7	1	18	11	8	0	60	60	60	60	120	60	
Brunswick	Do.	20	4	18	11	10	0	60	60	60	60	120	60	
Columbus	Do.	6	2	18	11	12	0	60	60	60	60	120	60	
Cordele	Cordele Sanatorium	7	1	18	11	10	0	60	60	60	60	120	60	
Gainesville	Do.	12	1	18	11	8	0	60	60	60	60	120	60	
Griffin	Downey Hospital	4	0	20	11	9	0	60	60	60	60	120	60	
La Grange	Dunson Hospital	4	0	20	11	9	0	60	60	60	60	120	60	
Do.	Good Shepherd Hospital	49	11	20	11	10	0	60	60	60	60	120	60	
Macon	Do.	15	5	18	11	9	0	60	60	60	60	120	60	
Rome	Do.	30	5	19	11	8	0	60	60	60	60	120	60	
Savannah	Do.	23	3	20	11	12	0	60	60	60	60	120	60	
Savannah	Georgia Infirmary	17	6	20	11	9	0	60	60	60	60	120	60	
Do.	Oglethorpe Sanatorium	30	7	18	11	12	0	50	50	50	50	125	50	
Do.	Parkview Sanatorium	31	7	18	11	12	0	60	60	60	60	120	60	
Do.	St. Joseph's Hospital	20	7	18	11	9	0	96	96	96	96	120	60	
Do.	Savannah Hospital	15	7	20	11	9	0	60	60	60	60	120	60	
Do.	Telfair Hospital	12	4	18	11	10	0	60	60	60	60	120	60	
Vidalia	Do.	12	4	20	11	9	0	60	60	60	60	120	60	
Waycross	Do.	4	0	18	11	8	0	72	72	72	72	120	60	
DAHO.	Do.	10	4	18	11	8	0	72	72	72	72	120	60	
Do.	St. Alphonsus Hospital	14	6	19	11	9	0	72	72	72	72	120	60	
Do.	St. Luke's Hospital	0	0	0	0	0	0	0	0	0	0	0	0	

NURSE TRAINING SCHOOLS, 1918.

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Montpelier Hospital	0	4	2	19	11 H. S.	9	3	0	190	180	15
Meadow Grange Hospital	0	8	1	21	11 H. S.	9	3	0	144	30	20
Pocatello General Hospital	0	0	0	18	11 H. S.	9	3	0	144	75	30
Do.	0	8	0	18	11 H. S.	9	3	0	108	60	3
St. Anthony's Hospital	0	0	0	18	8th Grade	8	3	0	60	120	35
St. Marys Hospital	0	6	2	19	11 H. S.	8	3	0	190	300	20
City Hospital	0	6	2	19	11 H. S.	8	3	0	120	144	30
Boyd Hospital	0	12	2	18	11 H. S.	10	3	0	120	144	30
Alton	0	13	2	19	2 yrs. H. S.	9	3	0	96	120	75
Aurora	0	12	4	19	1 yr. H. S.	10	3	0	60	96	50
Cairo	0	8	3	19	1 yr. H. S.	10	3	0	60	60	60
Carleton	0	0	0	19	1 yr. H. S.	10	3	0	120	135	14
Carbondale	0	5	0	19	1 yr. H. S.	10	3	0	72	96	120
Champaign	0	0	0	19	1 yr. H. S.	10	3	0	72	72	51
Charleston	0	3	3	19	1 yr. H. S.	10	3	0	96	96	33
Chillicothe	0	0	0	19	1 yr. H. S.	10	3	0	48	60	30
Do.	0	29	9	19	1 yr. H. S.	9	3	0	108	132	62
Auburn Arm. Hospital	0	22	2	18	1 yr. H. S.	9	3	0	120	132	62
Augustana Hospital	0	27	1	19	1 yr. H. S.	9	3	0	48	72	36
DePaul Home and Maternity Hospital	0	91	1	19	8th Grade	8	3	0	120	240	125
Chicago Lying-In Hospital and Dispensary	0	107	102	19	8th Grade	8	6 mos.	50	12	2	2
Do.	0	102	5	18	8th Grade	10	4 mos.	(1)	108	108	108
Chicago Maternity Hospital	0	8	5	18	8th Grade	10	6 mos.	36	60	60	22
Chicago Polyclinic Hospital	0	46	13	19	1 yr. H. S.	9	3	0	108	125	15
Chicago Union Hospital	0	29	12	19	1 yr. H. S.	10	3	0	60	60	90
Children's Memorial Hospital	0	29	10	19	1 yr. H. S.	9	3	0	60	60	52
Columbus Hospital	0	33	12	19	2 yrs. H. S.	8	3	0	60	60	60
Illinois Training School for Nurses affiliated with Cook County and Highland Park Hospitals	0	54	20	20	2 yrs. H. S.	9	3	0	60	84	120
Do.	0	0	0	18	1 yr. H. S.	10	3	0	60	120	240
Douglas Memorial Hospital	0	18	6	18	1 yr. H. S.	10	3	0	48	60	30
Durand Hospital of the McCormick Institute for Infectious Diseases	0	64	40	18	1 yr. H. S.	10	3	0	72	60	40
Do.	0	60	15	19	2 yrs. H. S.	10	3	0	72	72	125
Enders Hospital	0	38	8	19	1 yr. H. S.	10	3	0	60	62	35
Fort Deaconess Hospital	0	8	8	19	1 yr. H. S.	10	3	0	72	72	125
Frances E. Willard Hospital	0	24	9	19	1 yr. H. S.	10	3	0	60	62	35
Garfield Park Hospital	0	22	7	19	2 yrs. H. S.	10	3	0	60	62	35
German Evangelical Deaconess Hospital	0	13	7	19	1 yr. H. S.	10	3	0	96	96	56
Gran Hospital	0	68	15	19	1 yr. H. S.	9	3	0	48	72	92
Hathmann Hospital	0	55	15	19	1 yr. H. S.	10	3	0	60	60	125
Jefferson Park Hospital	0	26	7	19	1 yr. H. S.	10	3	0	60	72	92
Lakeside Hospital	0	40	10	19	1 yr. H. S.	10	3	0	60	60	50
Lake View Hospital	0	35	12	19	1 yr. H. S.	10	3	0	60	72	92
The Mary Thompson Hospital	0	50	16	19	2 yrs. H. S.	9	3	0	48	60	56
Mercy Hospital	0	140	39	19	1 yr. H. S.	10	3	0	96	96	268
Michael Reese Hospital	0	125	33	19	2 yrs. H. S.	9	3	0	96	96	400
Mount Sinai Hospital	0	0	0	19	1 yr. H. S.	9	3	0	48	60	350
Norwegian-American Hospital	0	30	5	19	8th Grade	18	3	0	96	96	120
Norwegian Lutheran Hospital	0	28	6	18	8th Grade	18	2	0	96	96	90
Park Avenue Hospital	0	4	0	11	8th Grade	9	2	0	96	96	40

\* No report.

† A fee of \$25 is required.

‡ A fee of \$25 is required.

§ A fee of \$25 is required.

\*\* A fee of \$25 is required.

\*\*\* A fee of \$25 is required.

\*\*\*\* A fee of \$25 is required.

\*\*\*\*\* A fee of \$25 is required.

\*\*\*\*\* A fee of \$25 is required.

\*\*\*\*\* A fee of \$25 is required.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.	Graduates.	Age, years.	Requirements for admission.		Hours of duty required daily.	Years in course.	Tuition.	Remuneration.			Average number of patients daily.	
					Men.	Women.				First year.	Second year.	Third year.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ILLINOIS—contd.														
Chicago.														
Do.	Passavant Memorial Hospital.	0	30	8	19	2 yrs. H. C.	9	3	3	\$144	70	60	46	60
Do.	People's Hospital.	0	319	0	18	8th grade.	9	3	0	60	50	425	319	50
Do.	Presbyterian Hospital.	0	37	21	20	H. S.	8	3	0	0	0	0	63	40
Do.	Provident Hospital.	0	27	5	19	2 yrs. H. S.	6	3	0	120	144	116	100	160
Do.	Ravenswood Hospital.	0	37	5	19	2 yrs. H. S.	9	3	0	60	72	84	200	140
Do.	St. Anne's Hospital.	0	36	12	19	H. S.	6	3	0	48	48	48	200	160
Do.	St. Bernard's Hotel Dieu.	0	52	17	19	1 yr. H. S.	9	3	0	45	60	60	140	170
Do.	St. Elizabeth's Hospital.	0	64	7	19	1 yr. H. S.	9	3	0	60	60	60	200	170
Do.	St. Joseph's Hospital.	0	63	15	19	1 yr. H. S.	8	3	0	60	60	60	200	112
Do.	St. Luke's Hospital.	0	187	34	20	H. S.	8	3	0	60	60	60	400	325
Do.	St. Mary of Nazareth Hospital.	0	82	23	19	1 yr. H. S.	9	3	0	72	72	72	220	210
Do.	Sheridan Park Hospital.	0	17	5	19	1 yr. H. S.	10	3	0	40	60	90	37	25
Do.	Sheridan Park Hospital.	0	7	6	19	1 yr. H. S.	10	3	0	40	40	40	35	35
Do.	South Chicago Hospital.	0	4	5	21	8th grade.	10	3	0	0	0	0	0	0
Do.	South Shore Hospital.	0	34	6	20	2 yrs. H. S.	9	3	0	60	60	60	195	75
Do.	Swedish Hospital.	0	18	5	19	2 yrs. H. S.	10	3	0	36	60	72	80	80
Do.	University Hospital.	0	15	5	19	2 yrs. H. S.	9	3	0	60	72	84	110	85
Do.	Washington Boulevard Hospital.	0	60	19	19	1 yr. H. S.	10	3	0	72	90	90	275	235
Do.	Washington Park Hospital.	0	134	25	20	H. S.	9	3	0	50	72	72	110	110
Do.	West Side Hospital.	0	90	21	19	H. S.	9	3	0	36	48	60	155	110
Do.	Lake View Hospital.	0	39	19	19	H. S.	8	3	0	0	0	0	60	60
Danville.	Decatur and Macon County Hospital.	0	18	5	19	2 yrs. H. S.	10	3	0	48	72	96	50	24
Decatur.	Katherine Shaw Bethel Dixon Public Hospital.	0	3	0	19	1 yr. H. S.	9	3	0	96	120	144	55	30
Dixon.	Evangelical Deaconess Hospital.	0	18	7	19	1 yr. H. S.	9	3	0	72	72	72	75	35
East St. Louis.	Sherman Hospital.	0	26	7	20	H. S.	9	3	0	72	72	72	130	26
Eglin.	Evanston Hospital.	0	62	12	18	H. S.	9	3	0	72	96	96	33	33
Evansport.	Freeport General Hospital.	0	16	3	20	1 yr. H. S.	10	2	0	72	72	72	36	22
Freight.	Globe Hospital.	0	10	3	19	1 yr. H. S.	10	3	0	60	60	60	100	50
Do.	Galesburg Hospital.	0	27	8	20	1 yr. H. S.	9	3	0	36	60	60	35	15
Galesburg.	Colonial Hospital.	0	13	3	20	1 yr. H. S.	9	3	0	120	120	120	40	1
Do.	Cottage Hospital.	0	7	5	20	1 yr. H. S.	9	3	0	132	168	168	100	75
Hinsdale.	Hinsdale Sanitarium.	0	11	4	19	1 yr. H. S.	9	3	0	120	120	120	22	16
Jacksonville.	New Home Sanitarium.	0	10	0	18	1 yr. H. S.	9	3	0	132	144	144	60	38
Do.	Passavant Memorial Hospital.	0	21	7	19	H. S.	10	3	0	0	0	0	60	60

## **NURSE TRAINING SCHOOLS, 1918.**

! No report.

INDIA

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—(continued).

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils. Men. 4	Nurse pupils. Women. 6	Requirements for admission. Age, years. 6	Hours of duty required daily. Years in course. 6 mos.	Tuition. 9	Remuneration.			Capacity (beds). 16	Average number of patients daily. 350
							First year. 10	Second year. 11	Third year. 12		
BIENNIAL SURVEY OF EDUCATION, 1916-1918.											
INDIANA—contd.											
Indiana											
Do.	City Hospital	0	90	16	18	2 yrs. H. S.	9	3	0	\$60	\$96
Do.	Dr. W. S. Fletcher's Sanitarium	0	6	18	18	1 yr. H. S.	10	0	0	0	0
Do.	Florence Crittenton Home	0	12	5	18	1 yr. H. S.	10	0	0	0	25
Do.	Joseph Eastman Hospital	0	15	10	18	1 yr. H. S.	8	0	0	0	108
Do.	Robert Long Hospital	0	45	10	18	1 yr. H. S.	8	0	0	0	250
Do.	Methodist Episcopal Hospital	0	166	23	18	2 yrs. H. S.	10	0	0	0	180
Do.	Methodist Deaconess Hospital	0	81	8	18	2 yrs. H. S.	10	0	0	0	80
Do.	St. Vincent's Hospital	0	90	25	20	H. S.	9	0	0	0	250
Do.	Kokomo	0	13	1	19	2 yrs. H. S.	9	3	0	60	60
Do.	La Fayette Home Hospital	0	37	9	20	1 yr. H. S.	3	0	0	60	20
Do.	Wabash Valley Hospital	2	6	6	19	1 yr. H. S.	3	0	0	60	30
Lebanon.	Williams Hospital	0	6	0	18	H. S.	10	0	0	120	12
Madison.	Denny's Sanitarium	0	5	1	18	1 yr. H. S.	9	0	0	46	96
Do.	King's Daughters' Hospital	0	1	2	19	1 yr. H. S.	10	0	0	60	72
Marion.	Grant County Hospital	0	19	4	19	1 yr. H. S.	10	0	0	60	72
Muncie.	Home Hospital	0	26	4	19	2 yrs. H. S.	8	3	0	60	72
Do.	Dr. M. K. Hospital	0	0	18	1 yr. H. S.	10	0	0	120	10	
Robeville.	Hamilton County Hospital	0	8	7	18	H. S.	8	0	0	120	144
Richmond.	Re Memorial Hospital	0	35	8	19	2 yrs. H. S.	9	0	0	84	120
South Bend.	Epworth Hospital	0	35	8	21	2 yrs. H. S.	9	0	0	96	75
Do.	St. Joseph's Hospital	0	18	2	20	1 yr. H. S.	12	2	0	60	60
Terre Haute.	Union Hospital	0	38	3	18	2 yrs. H. S.	9	0	0	60	75
Valparaiso.	Christian Church Hospital	0	9	0	19	1 yr. H. S.	10	0	0	24	36
Vincennes.	Bowers-Lescher Hospital	0	6	2	19	2 yrs. H. S.	10	2	0	96	60
Do.	Good Samaritan Hospital	0	12	2	18	H. S.	10	0	0	60	72
Wabash.	Park Hospital	0	8	1	18	1 yr. H. S.	9	0	0	72	23
IOWA											
Atlantic.	Atlantic Hospital	0	14	5	18	8th Grade	10	3	0	96	120
Bonneville.	Eleanor Moore Hospital	0	16	0	18	1 year. H. S.	9	0	0	144	144
Burlington.	Burlington Hospital	0	30	7	19	1 yr. H. S.	10	0	0	36	20
Do.	Mercy Hospital	0	21	4	19	2 yrs. H. S.	9	0	0	48	48
Carroll.	St. Anthony's Hospital	0	25	5	20	8th Grade	12	3	0	60	60
Cedar Rapids.	Mercy Hospital	0	62	7	18	1 yr. H. S.	8	0	0	70	75
Do.	St. Luke's Hospital	0	35	5	20	H. S.	10	0	0	30	102

## **NURSE TRAINING SCHOOLS, 1918.**

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Training school temporarily suspended during the war.

• Young women are trained to care for infants.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates.	Age, years.	Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.	Capacity (beds).	Average number of patients daily.
		Men.	Women.									
		8	4									
<b>KANSAS—contd.</b>												
Ellsworth	Ellsworth Hospital	0	6	4	12	H. S. 13	10	2	0	\$102	102	18
Fort Scott	Mercy Hospital	0	16	4	13	8th grade	8	3	0	60	60	45
Gassel	Memorial Bethesda Hospital	0	4	0	18	8th grade	10	3	0	78	104	30
Hastead	Halstead Hospital	0	5	18	18	8th grade	9	2	0	104	104	35
Hutchinson	Hutchinson Methodist Hospital	25	3	19	19	1 yr. H. S.	10	3	0	60	60	53
Independence	Independent Hospital	0	12	3	19	H. S.	8	3	0	48	72	40
Do.	West Side Hospital Association	0	52	10	20	2 yrs. H. S.	9	3	0	72	72	30
Do.	Bethany Methodist Hospital	0	18	2	19	H. S.	8	3	0	130	130	10
Kansas City	Douglas Hospital	0	6	1	18	8th grade	10	3	0	120	120	13
Do.	Larned Hospital	0	5	1	18	H. S.	10	3	0	100	100	10
Lawrence	Lawrence Hospital	0	10	4	18	H. S.	10	3	0	48	48	17
Do.	Cushing Hospital	0	14	4	20	1 yr. H. S.	9	3	0	96	96	60
Do.	Shawnee Hospital	0	18	6	18	H. S.	10	3	0	72	72	40
Leavenworth	St. John's Hospital	0	7	1	18	8th grade	10	3	0	60	60	15
Little River	Hoffman Memorial Hospital	0	10	2	20	H. S.	10	3	0	72	72	12
McPherson	McPherson Hospital	0	17	2	20	H. S.	10	3	0	96	96	47
Manhattan	Charlotte Swift Memorial Hospital	0	10	2	21	H. S.	10	3	0	120	120	93
Newton	Wilson County Hospital	0	37	4	21	8th grade	10	3	0	72	80	13
Do.	Arell Hospital	0	5	2	20	H. S.	10	3	0	60	60	50
Pittsburg	Bethel Deaconess Hospital	0	13	3	22	H. S.	9	3	0	84	84	62
Rosedale	Mount Carmel Hospital	0	13	7	22	H. S.	9	3	0	96	96	50
Salina	Bill Memorial Hospital	0	15	3	19	8th grade	9	3	0	72	120	30
Stearns	Sabetha Hospital	0	15	3	18	8th grade	10	3	0	60	60	20
Toppen	St. Barnabas Hospital	0	13	2	15	8th grade	10	3	0	52	52	6
Do.	Sterling Hospital	0	9	2	18	H. S.	9	3	0	60	60	35
Do.	Christ's Hospital	0	42	7	20	H. S.	9	3	0	72	72	50
Do.	Jane C. Stoenken Hospital	0	30	7	20	H. S.	9	3	0	60	60	50
Do.	St. Francis Hospital	0	33	8	20	H. S.	9	3	0	72	60	20
Do.	St. Luke's Hospital	0	5	2	21	1 yr. H. S.	9	3	0	60	60	11
Wichita	Kansas Sanitarium	11	32	4	18	2 yrs. H. S.	9	3	\$100	100	200	25
Do.	St. Francis Hospital	0	6	0	20	1 yr. H. S.	9	3	0	60	60	37
Do.	Wesley Hospital	0	19	5	18	2 yrs. H. S.	9	3	0	120	120	144
Do.	Wichita Hospital	0	12	8	18	8th grade	10	3	0	60	60	59
Wichfield	Wichfield Hospital	0	14	3	20	8th grade	10	3	0	60	60	75
Do.	St. Mary's Hospital	0	18	4	20	1 yr. H. S.	10	3	0	60	60	68

## **NURSE TRAINING SCHOOLS, 1918.**

State	Name of Hospital	Capacity	1914		1915		1916		1917		1918		1919		1920		1921	
			Jan.	Dec.	Jan.	Dec.	Jan.	Dec.	Jan.	Dec.	Jan.	Dec.	Jan.	Dec.	Jan.	Dec.	Jan.	Dec.
KENTUCKY.																		
Ashland.	King's Daughters' Hospital	0	7	0	18	1 yr. II. S.	10	3	0	96	120	144	50	20	50	90	19	15
Berea.	Berea College Hospital	0	9	0	18	8 yrs. H. S.	10	3	0	72	96	96	50	20	50	90	19	15
Do.	Robinson Hospital	0	5	0	19	1 yr. H. S.	10	3	0	72	96	96	50	20	50	90	19	15
Corbin.	St. Joseph's Hospital	1	19	1	19	1 yr. II. S.	8	3	0	72	84	108	50	20	50	75	25	25
Bowling Green.	St. Elizabeth Hospital	0	0	0	18	1 yr. II. S.	10	3	0	36	60	84	25	10	25	55	25	25
Franklin.	New Harrison Hospital	0	0	0	18	1 yr. II. S.	10	3	0	33	60	84	100	50	100	155	55	55
Dayton.	Southern Kentucky Sanatorium	24	5	0	18	1 yr. II. S.	9	3	0	60	84	120	100	50	100	155	55	55
Lexington.	Jennie Stuart Memorial Hospital	16	0	0	19	1 yr. II. S.	10	3	0	96	110	144	50	50	100	155	55	55
Paducah.	Good Samaritan Hospital	15	0	0	18	1 yr. II. S.	11	3	0	52	96	144	50	50	100	155	55	55
Paducah.	St. Joseph's Hospital	43	5	0	19	1 yr. II. S.	10	3	0	60	84	112	50	50	100	155	55	55
Louisville.	Children's Hospital	12	5	0	19	1 yr. II. S.	8	3	0	60	60	60	60	50	60	115	85	85
Do.	Deaconess Hospital	4	4	0	19	1 yr. II. S.	10	3	0	60	60	60	60	50	60	115	85	85
Do.	Jewish Hospital	29	5	0	19	1 yr. II. S.	10	3	0	48	60	72	75	50	75	115	85	85
Do.	Louisville City Hospital	23	26	0	21	1 yr. H. S.	14	3	0	80	100	120	40	40	60	115	85	85
Do.	Norton Memorial Infirmary	16	16	0	20	1 yr. H. S.	9	3	0	96	100	120	40	40	60	115	85	85
Do.	Red Cross Sanatorium	50	11	0	19	1 yr. H. S.	10	3	0	100	120	120	40	40	60	115	85	85
Do.	St. Mary and Elizabeth Hospital	10	2	0	19	1 yr. H. S.	9	3	0	60	60	60	60	50	60	115	85	85
Middleboro.	Evans Hospital	31	6	0	19	1 yr. H. S.	9	3	0	60	60	60	60	50	60	115	85	85
Owensboro.	Owensboro City Hospital	0	15	3	13	1 yr. II. S.	10	3	0	96	120	120	40	40	60	115	85	85
Paducah.	Riverside Hospital	0	22	3	19	1 yr. II. S.	10	3	0	120	120	120	40	40	60	115	85	85
Paris.	Massie Memorial Hospital	0	9	0	19	1 yr. H. S.	8	3	0	60	60	60	60	50	60	115	85	85
Sevierville.	Somerset Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOUISIANA.																		
Alexandria.	Alexandria Sanitarium <sup>4</sup>	0	15	1	14	1 yr. H. S.	8	3	0	74	118	144	68	68	144	133	75	54
Bogalusa.	Bogalusa Hospital	0	20	6	18	1 yr. H. S.	9	3	0	96	120	144	100	100	120	140	100	100
Monroe.	St. Francis Sanitarium	0	25	4	18	1 yr. H. S.	9	3	0	96	120	144	100	100	120	140	100	100
New Orleans.	Charity Hospital	0	21	4	19	1 yr. H. S.	10	3	0	60	60	96	0	0	120	133	75	54
Do.	Flinn-Goodeire Hospital	0	19	19	20	1 yr. H. S.	10	3	0	60	60	96	0	0	120	133	75	54
Do.	Hotel Dieu Hospital	0	17	6	20	1 yr. H. S.	10	3	0	72	72	72	50	50	72	80	50	50
Do.	Presbyterian Hospital	0	40	6	40	1 yr. H. S.	10	3	0	72	72	72	50	50	72	80	50	50
Do.	Providence Hospital	0	14	0	14	1 yr. H. S.	10	3	0	72	72	72	50	50	72	80	50	50
Do.	Touro Infirmary	0	13	27	27	2 yrs. H. S.	9	3	0	96	96	96	80	80	96	240	80	80
Patterson.	St. Mary's Hospital	0	15	5	18	1 yr. H. S.	10	3	0	60	60	96	0	0	120	133	75	54
Do.	North Louisiana Sanitarium	0	12	3	18	1 yr. H. S.	11	3	0	66	120	144	60	60	120	133	75	54
Do.	State Charity Hospital	0	11	11	20	1 yr. H. S.	12	3	0	120	144	144	60	60	120	133	75	54
Do.	T. E. Sequiport Memorial Hospital	0	11	11	18	1 yr. H. S.	12	3	0	96	120	120	60	60	120	133	75	54
MAINE.																		
Augusta.	Augusta General Hospital	2	41	10	21	1 yr. H. S.	11	3	0	96	120	144	60	60	120	133	75	54
Bangor.	Eastern Maine General Hospital	0	63	12	20	2 yrs. H. S.	9	3	0	63	120	144	60	60	120	133	75	54
Bath.	Paine Private Hospital	0	5	0	21	2 yrs. H. S.	9	3	0	120	120	120	60	60	120	133	75	54
Belfast.	Waldo County General Hospital	0	7	2	20	2 yrs. H. S.	10	24	0	72	86	120	25	25	120	133	75	54

At end of the first 2 years \$100 is given as recognition of good deportment.  
School opened early in 1919.

Temporarily suspended by reason of the war.  
No report.

• No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training schools affiliated.	Nurse pupils.		Requirements for admission.		Hours of duty required daily.		Years in course.		Remuneration.		Average number of beds daily.
		Men.	Women.	Grd. mites.	Age, years.	Education (minimum).	8	9	10	11	12	
		1	2	3	4	5	6	7	8	9	10	
<b>MAINE—continued.</b>												
Biddeford.	Trull Hospital.	0	17	5	18	H. S.	11	3	0	\$4	\$4	19
Do.	Webber Hospital.	0	6	6	10	1 yr. H. S.	12	0	96	50	50	25
Brewster Harbor.	St. Andrew's Hospital.	0	4	1	18	H. S.	10	2	0	96	120	14
Brewster.	Russell Private Hospital.	0	3	21	21	H. S.	11	3	0	96	120	15
Brewster.	Washington County Hospital.	0	1	2	18	2 yrs. H. S.	8	24	0	120	200	107
East Machias.	Western Maine Sanatorium.	0	1	1	18	1 yr. H. S.	10	3	0	104	120	15
Greenwood Mountain.	Maline Sanitarium.	0	9	1	18	1 yr. H. S.	10	3	0	104	120	15
Hebron.	Aroostook Hospital.	0	40	17	20	2 yrs. H. S.	9	24	0	110	110	50
Hebron.	Central Maine General Hospital.	0	24	2	21	H. S.	10	24	0	96	96	40
Leviston.	St. Mary's General Hospital.	0	33	7	20	1 yr. H. S.	10	2	0	96	120	45
Old Town.	Old Town Hospital.	0	12	4	20	2 yrs. H. S.	12	3	0	96	120	19
Portland.	Children's Hospital.	0	21	7	20	H. S.	10	3	0	120	144	32
Do.	Dr. King's Hospital.	0	12	4	20	H. S.	10	3	0	120	144	32
Do.	Dr. Legerton's Private Hospital.	0	67	15	19	H. S.	10	3	0	94	144	12
Do.	Maine Eye and Ear Infirmary.	0	22	4	19	2 yrs. H. S.	10	3	0	60	60	6
Do.	Maine General Hospital.	0	7	1	20	1 yr. H. S.	9	3	0	96	96	31
Rockland.	St. Mary's Hospital.	0	12	1	18	1 yr. H. S.	10	2	0	96	96	12
Waterville.	Knox County Hospital.	0	5	2	21	2 yrs. H. S.	10	2	0	96	96	10
Westbrook.	Sisters Hospital.	0	5	2	21	2 yrs. H. S.	10	2	0	96	96	12
<b>MARYLAND.</b>												
Annapolis.	Annapolis Emergency Hospital.	0	6	2	22	H. S.	12	3	0	0	0	38
Baltimore.	Bieder-Seaman Hospital.	0	12	4	18	H. S.	11	3	0	0	0	75
Do.	Church Home and Infirmary.	0	88	18	19	H. S.	11	3	0	0	0	150
Do.	Franklin B. Moore Hospital.	0	30	9	19	H. S.	14	3	0	48	72	134
Do.	Robert Garrett Hospital for Children.	0	10	2	21	H. S.	12	2	0	72	120	20
Do.	Hanoverman General Hospital.	0	51	23	19	H. S.	12	3	0	60	60	150
Do.	Hebrew Hospital.	0	276	64	22	H. S.	12	3	0	0	0	62
Do.	University of Maryland Hospital.	0	38	36	19	H. S.	11	3	0	60	60	300
Do.	Maryland General Hospital.	0	50	11	19	H. S.	10	3	0	25	25	150
Do.	Mercy Hospital.	0	106	24	14	H. S.	10	3	0	60	60	350
Do.	Provident Hospital and Free Dispensary.	0	5	0	11	H. S.	10	3	0	0	0	31
Do.	St. Agnes Hospital.	0	30	11	20	H. S.	9	3	0	60	60	160

**NURSE TRAINING SCHOOLS, 1918**

		NURSE TRAINING SCHOOLS, 1918													
Do.	St. Joseph's Hospital, Infirmary	20	H. S.	22	H. S.	10	3	0	0	60	60	112	44	200	
Do.	Hospital for the Women of Maryland	13	H. S.	18	H. S.	10	3	0	0	120	120	144	46	112	
Do.	Cambridge	14	3	18	1.Y.T. H. S.	8	3	0	0	120	120	120	36	96	
Cambridge	General and Marine Hospital	8	2	19	H. S.	9	4	0	0	120	120	120	15	60	
Cambridge	Allegany Hospital	20	6	19	H. S.	10	3	0	0	120	120	120	15	60	
Do.	Western Maryland Hospital	10	3	21	H. S.	10	3	0	0	120	120	120	15	60	
Do.	Emergency Hospital	16	3	19	2 yrs. H. S.	10	3	0	0	120	120	120	25	60	
Do.	Federal Hospital	14	4	19	1.Y.T. H. S.	10	3	0	0	120	120	120	27	60	
Do.	Frederick City Hospital	12	5	14	1.Y.T. H. S.	9	3	0	0	120	120	120	37	60	
Do.	Washington County Hospital	27	9	19	H. S.	10	3	0	0	120	120	120	36	60	
Do.	Harride Grace Hospital	6	0	19	H. S.	10	3	0	0	120	120	120	40	60	
Do.	Paulinskill General Hospital	14	3	18	H. S.	12	6	0	0	120	120	120	44	64	
Do.	Washington Sanitarium and Hospital	30	7	20	2 yrs. H. S.	8	3	0	0	120	120	120	44	60	
MASSACHUSETTS.															
Do.	Arlington Hospital	38	11	18	1.Y.T. H. S.	9	3	0	0	120	120	120	35	60	
Do.	Attleboro Sanitarium and Hospital	16	1	18	H. S.	4	10	3	0	120	120	120	46	60	
Do.	Attleboro Memorial Hospital	15	4	20	H. S.	6	10	2	0	120	120	120	36	60	
Do.	Beverly Hospital	17	9	16	H. S.	10	9	2	0	120	120	120	36	60	
Beverly	Adam Delaney Hospital	16	9	18	1.Y.T. H. S.	9	3	0	0	120	120	120	36	60	
Do.	Beth Israel Hospital	26	10	21	2 yrs. H. S.	9	3	0	0	120	120	120	36	60	
Do.	Beth Israel Hospital (Surgeon)	125	37	21	2 yrs. H. S.	10	3	0	0	120	120	120	36	60	
Do.	Boston City Hospital	24	13	21	Postgrad.	9	3	0	0	120	120	120	36	60	
Do.	Boston Floating Hospital	58	57	21	Postgrad.	8	3	0	0	120	120	120	36	60	
Do.	Boston Lying-in Hospital	105	25	19	2 yrs. H. S.	9	3	0	0	120	120	120	36	60	
Do.	Carey Hospital	80	21	20	H. S.	10	3	0	0	120	120	120	36	60	
Do.	Children's Hospital	24	4	20	2 yrs. H. S.	10	3	0	0	120	120	120	36	60	
Do.	Cushing Hospital	36	10	21	H. S.	10	3	0	0	120	120	120	36	60	
Do.	Emerson Hospital	36	5	30	H. S.	6	3	0	0	120	120	120	36	60	
Do.	Paulinck Hospital	16	8	21	1.Y.T. H. S.	10	3	0	0	120	120	120	36	60	
Do.	Fenway Hospital	24	22	20	H. S.	10	3	0	0	120	120	120	36	60	
Do.	The Foreign Dental Hygienists Training School	34	21	18	1.Y.T. H. S.	9	3	0	0	120	120	120	36	60	
Do.	Infants' Hospital	43	39	39	Postgrad.	9	3	0	0	120	120	120	36	60	
Do.	Long Island Hospital	21	18	1.Y.T. H. S.	9	3	0	0	120	120	120	36	60		
Do.	Massachusetts Charitable Eye and Ear Infirmary	65	20	11. S.	9	3	0	0	120	120	120	36	60		
Do.	Massachusetts General Hospital	32	20	11. S.	9	3	0	0	120	120	120	36	60		
Do.	Massachusetts Homeopathic Hospital	23	2	19	H. S.	9	3	0	0	120	120	120	36	60	
Do.	New England Baptist Hospital	35	10	21	2 yrs. H. S.	8	3	0	0	120	120	120	36	60	
Do.	New England Deaconess Association Hospital	52	8	20	H. S.	8	3	0	0	120	120	120	36	60	
Do.	New England Hospital for Women and Children	50	12	18	1.Y.T. H. S.	9	3	0	0	120	120	120	36	60	
Do.	Peter Bent Brigham Hospital	69	26	19	H. S.	8	3	0	0	120	120	120	36	60	
Do.	Plymouth Hospital	4	0	18	2 yrs. H. S.	12	3	0	0	120	120	120	36	60	
Do.	St. Elizabeth Hospital	76	30	18	2 yrs. H. S.	9	3	0	0	120	120	120	36	60	
Do.	St. Mary's Infant Asylum and Lying-in Hospital and St. Margaret's Hospital	40	7	21	H. S.	12	3	0	0	120	120	120	36	60	

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Special training school.

\* Nurse pupils from other hospitals receive 4 months' special training in the care of infants.

\* No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates.	Age, years.	Requirements for admission.	Hours of duty required daily.	Years in re-course.	Tuition.	Remuneration.	Capacity (beds).	Average number of patients daily.	
		Men.	Women.										
1	2	3	4	5	6	7	8	9	10	11	12	13	
MASSACHUSETTS—cont.													
Brockton	Brockton Hospital	0	40	9	19	2 yrs. H. S. ....	8	3	6	120	120	97	
Do.	Goddard Hospital	0	10	5	19	1 yr. H. S. ....	8	3	0	120	120	25	
Do.	Free Hospital for Women	0	12	10	23	Postgrad.	12	4 mos.	0	75	62	49	
Brookline	Cambridge Hospital	0	40	8	18	1 1/2 yrs. H. S. ....	8	3	0	72	72	68	
Cambridge	Charlestown Hospital	0	6	19	H. S. ....	10	3	0	72	72	50	50	
Do.	Charlestown Hospital	0	16	9	20	H. S. ....	10	3	0	72	120	30	30
Do.	Chestnut Hospital	0	16	6	19	2 yrs. H. S. ....	10	3	0	72	144	53	53
Chelsea	Rutland & Forest General Hospital	0	19	6	19	1 yr. H. S. ....	10	3	0	72	108	50	50
Chestnut	Rutland Hospital	0	27	8	19	H. S. ....	11	3	0	96	120	30	30
Clinton	Whittemore Hospital	0	14	3	21	H. S. ....	11	3	0	96	108	21	21
Everett	Whittemore Hospital	0	26	5	20	1 1/2 yrs. H. S. ....	10	3	0	104	114	123	123
Fall River	Municipal Hospital	0	28	5	18	H. S. ....	10	3	0	96	96	26	26
Do.	Truesdale Hospital	0	51	15	19	1 yr. H. S. ....	9	3	0	60	72	72	72
Do.	Union Hospital	0	47	4	18	1 1/2 yrs. H. S. ....	10	3	0	72	120	120	120
Fitchburg	Burbank Hospital	0	42	20	18	H. S. ....	10	3	0	60	84	50	50
Franklinham	Framingham Hospital	0	21	4	20	2 yrs. H. S. ....	10	3	0	108	120	80	80
Gloucester	Addison Gillette Hospital	0	28	3	18	1 yr. H. S. ....	10	3	0	108	144	30	30
Greenfield	Franklin County Public Hospital	0	28	3	18	2 yrs. H. S. ....	10	3	0	72	96	21	21
Haverhill	General Stephen Henry Gale Hospital	0	24	3	18	2 yrs. H. S. ....	10	3	0	48	56	41	41
Do.	The Hale Hospital	0	25	3	19	2 yrs. H. S. ....	10	3	0	48	56	60	60
Do.	Haverhill City Hospital	0	43	18	18	1 1/2 yrs. H. S. ....	9	3	0	72	72	90	90
Do.	Holyoke City Hospital	0	36	8	18	8th grade	10	3	0	60	96	96	96
Do.	Providence Hospital	0	17	3	20	1 yr. H. S. ....	10	3	0	120	120	130	130
Lawrence	Lawrence General Hospital	0	7	3	20	H. S. ....	10	3	0	120	168	144	144
Leominster	Leominster Hospital	0	28	9	21	H. S. ....	9	3	0	84	84	26	26
Lowell	Lowell Corporation Hospital	0	9	10	21	1 1/2 yrs. H. S. ....	9	3	0	60	60	60	60
Do.	Lowell General Hospital	0	36	7	21	1 yr. H. S. ....	9	3	0	60	60	60	60
Do.	St. John's Hospital	0	7	3	20	H. S. ....	10	3	0	60	60	60	60
Lynn	Lynn Hospital	0	28	9	21	1 1/2 yrs. H. S. ....	9	3	0	72	96	96	96
Do.	Union Hospital	0	30	8	20	H. S. ....	9	3	0	72	96	100	100
Malden	Malden Hospital	0	22	6	19	H. S. ....	12	3	0	96	96	75	75
Melrose	Melrose Hospital	0	26	5	19	3 yrs. H. S. ....	9	3	0	72	72	63	63
Do.	New England Sanitarium	0	34	4	20	2 1/2 yrs. H. S. ....	10	3	0	120	120	125	125
Milford	Milford Hospital	0	21	6	21	H. S. ....	10	3	0	72	72	24	24
Montague City	Farren Memorial Hospital	0	12	4	21	1 1/2 yrs. H. S. ....	12	3	0	60	60	49	49
Newton	Leonard Morse Hospital	0	5	1	18	H. S. ....	10	3	0	60	60	58	58
New Bedford	Derby Hospital	0	7	1	18	H. S. ....	10	3	0	60	60	38	38
Do.	St. Luke's Hospital	0	66	19	19	1 1/2 yrs. H. S. ....	10	3	0	120	120	140	140

NURSE TRAINING SCHOOLS, 1918.

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Newburyport.....	Anna Jacques Hospital	2	2 yrs. H. S.	10	3	0	108	144	60	30	25
Do.....	Newburyport Homeopathic Hospital	1	1 yr. H. S.	10	3	0	84	84	84	72	72
Newton Lower Falls.....	Newton Hospital	18	1 yr. H. S.	9	3	0	72	72	162	162	107
North Adams.....	North Adams Hospital	10	1 yr. H. S.	9	3	0	72	72	72	72	65
Northampton.....	Cooke, DeWolfe Hospital	9	1 yr. H. S.	10	3	0	100	100	100	100	92
Peabody.....	J. B. Thomas Hospital	4	1 yr. H. S.	10	3	0	120	120	120	120	117
Providence.....	Henry W. Bishop, Do. Memorial Hospital	23	1 yr. H. S.	24	3	0	120	120	120	120	116
Do.....	Boyden Hospital	14	1 yr. H. S.	10	3	0	120	120	120	120	115
Plymouth.....	Hillcrest Hospital	20	6	18	2 yrs. H. S.	10	3	0	96	96	96
Quincy.....	City Hospital of Quincy	13	1	20	H. S.	10	3	0	108	144	144
Salisbury.....	Somersville Hospital	19	2	18	2 yrs. H. S.	10	3	0	120	144	144
Springfield.....	Somersville Hospital	22	4	19	2 yrs. H. S.	10	3	0	96	96	96
Do.....	Hampden Hospital	10	8	21	H. S.	10	3	0	96	96	96
Mercy Hospital.....	Mercy Hospital	13	12	21	H. S.	10	3	0	60	72	84
Springfield Hospital.....	Springfield Hospital	108	19	19	2 yrs. H. S.	10	3	0	96	96	96
Do.....	Wesley Memorial Hospital	19	19	2 yrs. H. S.	10	3	0	60	72	84	
Do.....	Morton Hospital	40	9	20	H. S.	9	3	0	96	96	96
Wellesley.....	Wellesley Hospital	23	2	18	2 yrs. H. S.	10	3	0	120	120	120
Westfield.....	Noble Hospital	18	8	18	8th Grade	8	3	0	120	120	120
Weston.....	Wellesley Hospital	27	6	18	1 yr. H. S.	9	3	0	200	0	0
Wellesley.....	Charles Chone Memorial Hospital	19	3	19	H. S.	9	3	0	120	120	120
Wellesley.....	Wellesley Hospital	12	4	18	1 yr. H. S.	9	3	0	120	120	120
Weston.....	Wellesley Hospital	53	13	18	1 yr. H. S.	9	3	0	120	120	120
Do.....	Wellesley Hospital	22	6	19	H. S.	10	3	0	120	120	120
Do.....	Wellesley Hospital	20	6	19	H. S.	10	3	0	120	120	120
Do.....	Wellesley Hospital	0	0	20	1 yr. H. S.	9	3	0	120	120	120
Do.....	St. Vincent Hospital	0	0	20	H. S.	12	3	0	120	120	120
MICHIGAN.....											
Alma.....	Brainerd Hospital	0	14	2	18	8th Grade	12	2	0	60	72
Ann Arbor.....	University Hospital	0	145	34	18	H. S.	10	3	0	50	75
Do.....	University of Michigan Homeopathic Hospital	0	32	12	18	2 yrs. H. S.	9	3	0	50	75
Do.....	Ann Arbor Private Hospital	0	32	7	18	H. S.	9	3	0	50	75
Do.....	St. Joseph's Sanatorium	0	85	9	18	8th Grade	8	3	0	72	96
Battle Creek.....	Battle Creek Sanatorium	10	200	61	19	H. S.	9	3	0	60	60
Do.....	Nichols Memorial Hospital	0	37	5	19	1 yr. H. S.	8	3	0	60	60
Bay City.....	Bay City Hospital	0	107	4	21	2 yrs. H. S.	12	3	0	48	72
Do.....	Mercy Hospital	0	35	9	18	8th Grade	8	3	0	60	60
Benton Harbor.....	Mercy Hospital	10	1	18	8th Grade	10	3	0	60	60	60
Big Rapids.....	Mercy Hospital	14	6	20	2 yrs. H. S.	8	3	0	324	486	540
Do.....	Calumet and Hecla Hospital	15	0	18	8th Grade	8	3	0	60	60	60
Do.....	Children's Free Hospital	15	0	19	2 yrs. H. S.	8	3	0	60	60	60
Do.....	Grace Hospital	130	37	18	1 yr. H. S.	8	3	0	60	60	60
Do.....	Harper Hospital	175	62	19	H. S.	8	3	0	72	96	96
Do.....	Providence Hospital	96	16	19	8th Grade	8	3	0	60	60	60
Do.....	St. Mary's Hospital	70	21	19	1 yr. H. S.	12	3	0	60	60	60
Do.....	Spartan Hospital	86	6	18	H. S.	10	3	0	60	60	60
Do.....	Woman's Hospital and Infants' Home	25	5	19	1 yr. H. S.	10	3	0	60	60	60
Do.....	Hurley Hospital	36	8	18	1 yr. H. S.	8	3	0	120	120	120

1. No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates	Requirements for admission.	Hours of duty required daily.	Years in course.	Remuneration.			Cas. capacity (beds).	Aver. age number of patients daily.		
		Men.	Women.					Age, years.	Education (minimum).	First year.	Second year.	Third year.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>MINNESOTA.</b>														
Grand Rapids.	Blodgett Memorial Hospital	0	75	20	20	10	3	0	0	40	40	40	13	13
Holiday Inn.	Butterworth Hospital	9	44	15	15	15	3	0	0	0	60	60	75	75
Hot Springs.	St. Mary's Hospital	0	60	15	15	15	3	0	0	10	110	110	70	70
Jordan.	St. Mary's Hospital	0	43	3	19	19	1	1	1	40	64	120	110	110
Kokomo.	W. A. Peete Memorial Hospital	0	43	3	19	19	1	1	1	72	72	72	46	46
Laurel.	Laurel City Hospital	0	38	1	19	19	1	1	1	25	50	100	100	100
Madison.	Bronson Hospital	0	20	2	19	19	1	1	1	30	60	60	25	15
Minneapolis.	Bronson Hospital	0	6	18	18	18	1	1	1	32	120	120	70	57
Duluth.	Lake Superior General Hospital	0	31	8	19	19	1	1	1	45	105	105	19	19
Minneapolis.	Edgar W. Geyer Hospital	0	18	8	30	19	1	1	1	45	73	73	17	17
Minneapolis.	Carver Public Hospital	0	6	0	18	18	0	0	0	60	73	66	80	80
Minneapolis.	Paulina Hospital	0	15	3	18	18	0	0	0	45	72	63	45	45
Minneapolis.	Merry Hospital	0	10	8	19	19	1	1	1	73	72	66	80	80
Minneapolis.	St. Luke's Hospital	0	8	2	18	18	1	1	1	73	72	72	75	75
Minneapolis.	St. Joseph's Hospital	0	7	1	18	18	1	1	1	66	144	144	26	26
Minneapolis.	St. Paul's Hospital	0	40	7	17	17	1	1	1	1	180	180	180	180
Minneapolis.	Hachley Hospital	0	9	4	18	18	1	1	1	68	68	68	30	30
Minneapolis.	Mayo Hospital	0	10	3	19	19	2	1	0	36	36	120	25	25
Minneapolis.	Lockwood Hospital and Deaconess Home	0	11	5	18	18	1	1	1	0	0	0	24	24
Minneapolis.	Peterson Hospital	0	35	12	18	18	1	1	1	0	0	40	40	40
Minneapolis.	Port Huron Hospital	0	59	8	12	12	1	1	1	36	48	72	44	44
Minneapolis.	Seagrove (West Side)	0	49	13	20	20	1	1	1	60	60	60	90	90
Minneapolis.	Seagrove.	0	15	5	18	18	1	1	1	60	60	60	49	49
Minneapolis.	Wiman's Hospital	0	9	3	21	21	1	1	1	96	96	96	84	84
Minneapolis.	South St. Marie Hospital	0	15	4	18	18	2	1	1	72	72	96	61	61
Minneapolis.	South St. Marie Hospital	0	8	4	19	19	3	0	0	60	60	60	15	15
Minneapolis.	St. Paul Hospital	0	23	3	18	18	3	0	0	48	73	96	60	60
Minneapolis.	Northern Pacific Beneficial Association Hospital	0	6	1	18	18	1	0	0	60	60	60	62	62
Minneapolis.	St. Francis Hospital	0	6	4	20	20	2	0	0	40	78	78	44	44
Minneapolis.	Bethesda Hospital	0	12	4	18	18	1	0	0	0	0	0	14	14
Minneapolis.	Dawson Surgical Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0

## **NURSE TRAINING SCHOOLS, 1918.**

School expected to open in 1919.

Fourth year, 8204.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location. at	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of re- quired duty, daily.	Years in course.	Tuition.	Remuneration.			Ca- pacity (beds).	Aver- age num- ber of pa- tients daily.		
		Men.	Women.					First year.	Second year.	Third year.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MISSISSIPPI.														
Aberdeen.	Schudder Infirmary.	0	5	18	5th grade.	5	4	\$22	\$45	\$45	\$45	30	30	30
Greenville.	Greenville Sanitarium.	0	10	1	13	13	10	3	6	6	6	120	120	120
Do.	King's Daughters Hospital.	0	15	3	13	13	10	3	72	98	98	30	30	30
Greenwood.	Do.	0	8	0	20	3 yrs. H. S.	10	3	0	150	150	150	150	150
Guilford.	Do.	0	15	3	18	2 yrs. H. S.	10	3	96	96	96	33	33	33
Hattiesburg.	South Mississippi Infirmary.	0	33	0	19	13	10	2	108	132	132	16	16	16
Do.	Charity Hospital.	0	6	3	21	13	10	2	0	132	132	50	50	50
Jackson.	Jackson Sanitarium.	0	32	10	19	13	10	2	0	96	96	86	86	86
Do.	Alexander Hospital.	0	29	1	18	13	10	3	0	96	96	49	49	49
Do.	Laurel General Hospital.	0	12	4	18	13	10	3	0	96	96	22	22	22
Laurel.	McComb City Hospital.	0	6	1	18	13	10	3	0	96	96	50	50	50
McComb.	Do.	0	3	2	20	8th grade.	10	3	0	120	120	144	144	144
Meridian.	Meridian Sanitarium.	0	3	2	20	8th grade.	10	3	0	120	120	46	46	46
Do.	Matty Hersse Hospital.	0	16	4	13	11	10	3	0	96	96	50	50	50
Do.	Turner Hospital.	0	16	4	19	13	10	2	0	120	120	130	130	130
Natchez.	Chamberlain Sanitarium.	0	11	2	18	8th grade.	10	3	0	96	96	13	13	13
Do.	Natchez Sanitarium.	0	9	2	18	8th grade.	10	3	0	96	96	260	260	260
Vicksburg.	Mississippi State Charity Hospital.	0	30	7	19	3 yrs. H. S.	9	3	0	96	96	30	30	30
Do.	Vicksburg Infirmary.	0	20	1	20	8th grade.	10	2	0	72	72	120	120	120
KANSAS.	Vicksburg Sanitarium.	0	12	1	18	2 yrs. H. S.	10	3	0	72	72	33	33	33
Canton.	Chillicothe Hospital.	0	13	5	19	11. S.	10	3	0	60	60	50	50	50
Columbia.	Parker Memorial Hospital.	0	13	5	21	2 yrs. H. S.	10	3	0	45	45	31	31	31
Do.	Leavening Hospital.	0	17	3	20	8th grade.	9	3	0	84	84	53	53	53
Independence.	Independence Sanatorium.	0	26	6	18	11. S.	10	3	0	60	60	60	60	60
Do.	St. John's Hospital.	0	12	3	20	8th grade.	10	3	0	120	120	33	33	33
Kansas City.	Baptist Hospital.	0	12	3	19	2 yrs. H. S.	10	3	0	120	120	80	80	80
Do.	Children's Mercy Hospital.	0	18	8	20	8th grade.	10	3	0	60	60	0	0	0
Do.	Grace Hospital.	0	42	6	20	2 yrs. H. S.	10	3	0	90	90	350	350	350
Do.	Kansas City General Hospital.	0	68	13	19	2 yrs. H. S.	10	3	0	120	120	86	86	86
Do.	Mercy Hospital.	0	20	8	19	2 yrs. H. S.	10	3	0	96	96	120	120	120
Do.	Research Hospital.	0	74	16	19	2 yrs. H. S.	9	3	0	120	120	136	136	136
Do.	St. Joseph's Hospital.	0	10	19	1 yr. H. S.	9	3	0	96	96	13	13	13	13

## NURSE TRAINING SCHOOLS, 1918.

: INTRODUCTION

FOURTEEN, 343.

BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.		Hours of duty required daily.	Years in course.	Remuneration.			Capacity (beds).	Age, number of patients daily.
		Men.	Women.	Age, years.	Education (minimum).			First year.	Second year.	Third year.		
1	2	3	4	5	6	7	8	9	10	11	12	13
MONTANA—cont'd.												
Missoula.....	St. Patrick's Hospital.....	0	7	1	18	1 yr. H. S.....	6	3	0	300	5120	50
Sidney.....	Sidney Hospital.....	0	6	0	18	1 yr. H. S.....	10	3	0	72	84	15
Times Forts.....	Times Forts Hospital.....	0	9	1	19	1 yr. H. S.....	10	3	0	60	90	9
NEBRASKA	Bethel.....	0	9	0	18	1 yr. H. S.....	10	3	0	96	96	25
	Methodist Deaconess Home and Hospital.....	0	33	9	18	1 yr. H. S.....	10	3	0	72	120	32
	Nebria Sanitarium.....	0	4	0	18	1 yr. H. S.....	10	3	0	60	60	15
	David City Hospital.....	0	6	2	19	1 yr. H. S.....	11	3	1	96	120	14
	Freemon Hospital.....	0	0	0	18	1 yr. H. S.....	9	3	0	96	96	15
	Grand Island General Hospital.....	0	22	5	19	1 yr. H. S.....	9	3	0	60	60	20
	Mayo Loring Memorial Hospital.....	1	16	6	19	1 yr. H. S.....	8	3	0	90	90	30
	Nebria Sanitarium.....	1	22	6	19	1 yr. H. S.....	8	3	0	60	60	25
	Dr. Baughman F. Bailey Sanitorium.....	12	0	1	19	1 yr. H. S.....	8	3	0	60	90	65
	Satler Hospital.....	0	7	0	19	1 yr. H. S.....	10	3	0	0	0	0
	Lincoln Hospital.....	0	7	0	19	1 yr. H. S.....	10	3	0	36	96	14
	Lincoln Hospital.....	0	44	7	19	1 yr. H. S.....	9	3	0	120	120	70
	Nebraska Orthopathic Hospital.....	0	11	3	19	1 yr. H. S.....	9	3	0	240	240	10
	Norfolk General Hospital.....	0	0	0	18	1 yr. H. S.....	8	3	0	120	114	20
	Grand Island Hospital.....	0	9	0	18	1 yr. H. S.....	8	3	0	60	60	85
	Hastings Hospital.....	0	69	1	20	1 yr. H. S.....	8	3	0	60	60	30
	Bishop Clarkson Memorial Hospital.....	0	0	0	18	1 yr. H. S.....	8	3	0	90	90	37
	Crediton Memorial (St. Joseph's) Hospital.....	0	44	0	19	1 yr. H. S.....	8	3	0	90	90	20
	Crediton Hospital.....	0	26	2	19	1 yr. H. S.....	9	3	0	173	173	120
	Douglas County Hospital.....	0	0	0	19	1 yr. H. S.....	9	3	0	60	60	65
	Ford Lister Hospital.....	0	42	5	19	1 yr. H. S.....	9	3	0	96	96	75
	Lord Lister Hospital.....	0	20	11	19	1 yr. H. S.....	9	3	0	96	96	60
	Nebraska Methodist Episcopal Hospital.....	0	63	17	19	1 yrs. H. S.....	9	3	0	120	120	65
	Nicholas Barn Hospital.....	0	8	0	20	1 yr. H. S.....	8	3	0	96	96	65
	Presbyterian Hospital.....	0	46	5	19	1 yr. H. S.....	9	3	0	120	120	65
	St. Catherine's Hospital.....	0	40	4	19	1 yr. H. S.....	9	3	0	96	96	65
	St. Joseph's Hospital.....	0	47	0	19	1 yr. H. S.....	9	3	0	45	45	36
	South Side Memorial Hospital.....	0	5	3	19	1 yr. H. S.....	9	3	0	60	60	22
	South Side Memorial Hospital.....	0	29	8	19	1 yr. H. S.....	10	3	0	72	72	65
	Wise Memorial Hospital.....	0	40	7	19	1 yr. H. S.....	10	3	0	114	114	55
	Marrow Hospital.....	0	7	2	19	1 yr. H. S.....	10	3	0	60	60	25
	Spencer Hospital.....	0	7	2	19	1 yr. H. S.....	8	3	0	72	72	12
	Lutheran Hospital.....	0	2	0	19	1 yr. H. S.....	8	3	0	96	96	30

**NURSE TRAINING SCHOOLS, 1918.**

A bonus of \$5 per month, for the whole term, is paid to the nurse pupils who complete the three years' course.

Hospital building burned.

## BIENNIAL SURVEY OF EDUCATION, 1918-1919.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates.	Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.			Co- oper- ative (beds).	Ave- rage num- ber of pa- tients daily.		
		Men.	Women.						First year.	Second year.	Third year.				
1		8	9	6	6	7	8	9	10	11	12	13	14	15	
NEW JERSEY—cont.															
Newark															
Homeopathic Hospital of Essex County		31	2	21	1 yr. H. S.	9	3	0	\$86	\$86	\$86	\$86	30	45	
Newark City Hospital		82	29	13	1 yr. H. S.	9	3	0	110	150	180	180	450	450	
Newark Maternity Hospital		28	16	20	2 yr. H. S.	10	1,2	385	120	120	120	120	22	22	
Newark Memorial Hospital		23	18	18	1 yr. H. S.	9	3	0	160	160	160	160	125	125	
Newark Private Hospital		20	7	20	1 yr. H. S.	10	3	0	72	72	72	72	120	120	
Presbyterian Hospital		23	7	18	1 yr. H. S.	9	3	0	120	120	120	120	120	120	
St. Barnabas Hospital		49	10	18	1 yr. H. S.	10	3	0	72	72	72	72	114	114	
St. Barnabas Hospital		19	7	18	1 yr. H. S.	12	3	0	72	72	72	72	100	100	
St. James Hospital		11	4	20	1 yr. H. S.	9	3	0	120	120	120	120	120	120	
Middlesex General Hospital		27	11	19	1 yr. H. S.	8	2	21	0	60	98	98	108	108	
St. Peter's Hospital		57	10	13	1 yr. H. S.	9	3	0	93	93	93	93	96	96	
Orange		10	4	18	1 yr. H. S.	10	3	0	21	0	0	0	150	113	
Do.		21	13	18	1 yr. H. S.	13	3	0	84	84	84	84	150	150	
Passaic General Hospital		23	6	21	1 yr. H. S.	10	3	0	60	60	60	60	90	90	
St. Mary's Hospital		23	8	19	1 yr. H. S.	10	2	1	60	60	60	60	90	90	
Parkson		53	19	15	1 yr. H. S.	10	3	0	60	60	60	60	150	150	
Paterson General Hospital		45	13	18	1 yr. H. S.	12	3	0	60	60	60	60	250	250	
St. Joseph's Hospital		25	4	18	1 yr. H. S.	10	3	0	100	114	114	114	122	122	
Perth Amboy City Hospital		44	12	18	1 yr. H. S.	9	3	0	94	94	94	94	108	108	
Muhlenberg Hospital		14	7	21	1 yr. H. S.	12	3	0	96	120	120	120	144	144	
Sumter Hospital		19	6	20	1 yr. H. S.	10	2	1	0	100	100	100	100	133	133
Spina Lake Beach		30	8	18	1 yr. H. S.	9	2	1	60	60	60	60	165	165	
Ann May Memorial Homeopathic Hospital		7	7	21	1 yr. H. S.	10	2	1	96	96	96	96	120	120	
Overlook Hospital		34	6	18	1 yr. H. S.	10	3	0	96	120	120	120	120	120	
William McKinley Memorial Hospital		33	11	21	1 yr. H. S.	10	3	0	60	60	60	60	173	173	
Mercer Hospital		4	2	19	1 yr. H. S.	10	3	0	90	90	90	90	200	140	
St. Francis Hospital		0	0	18	1 yr. H. S.	10	2	1	72	72	72	72	90	90	
Vineyard Hospital Association		0	0	13	1 yr. H. S.	10	2	1	0	0	0	0	68	68	
North Hudson Hospital		0	0	9	1 yr. H. S.	10	2	1	0	0	0	0	90	90	
NEW MEXICO.		0	3	1	18	8th grade	12	3	0	0	0	0	90	90	
Albuquerque	St. Joseph Hospital														

NURSE TRAINING SCHOOLS, 1918.

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NEW YORK	NURSE TRAINING SCHOOLS, 1918.											
	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.
Albany	110	41	18	2 yrs. 11 yrs.	10	3	3	10	0	0	0	250
Albany Hospital	13	13	13	1 yr. H.S.	12	3	3	3	0	0	0	100
Homeopathic Hospital	12	12	19	1 yr. H.S.	10	3	3	3	0	0	0	100
St. Peter's Hospital	40	22	4	18	1 yr. H.S.	10	3	3	0	0	0	100
Amsterdam City Hospital	19	19	19	1 yr. H.S.	10	3	3	3	0	0	0	100
Amsterdam	22	4	18	1 yr. H.S.	10	3	3	3	0	0	0	100
Auburn	4	4	18	1 yr. H.S.	10	3	3	3	0	0	0	100
Batavia	10	4	18	1 yr. H.S.	10	3	3	3	0	0	0	100
Bath General Hospital	7	1	19	1 yr. H.S.	10	3	3	3	0	0	0	100
Binghamton City Hospital	41	8	20	1 yr. H.S.	10	3	3	3	0	0	0	100
Blauvelt	1	1	20	1 yr. H.S.	10	3	3	3	0	0	0	100
Blindenham	8	1	20	1 yr. H.S.	10	3	3	3	0	0	0	100
Brooklyn	22	6	18	1 yr. H.S.	10	3	3	3	0	0	0	100
Bushwick Hospital	1	1	18	1 yr. H.S.	10	3	3	3	0	0	0	100
Cambria Street Hospital	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Brooklyn Eastern Dispensary and Hospital	24	24	19	1 yr. H.S.	10	2	2	2	0	0	0	240
Jewish Hospital	69	22	19	1 yr. H.S.	10	3	3	3	0	0	0	240
King's County Hospital	215	30	20	1 yr. H.S.	10	3	3	3	0	0	0	240
Long Island College Hospital	96	36	18	1 yr. H.S.	10	3	3	3	0	0	0	240
Methodist Episcopal Hospital	42	7	20	1 yr. H.S.	10	3	3	3	0	0	0	240
Norwegian Lutheran Deaconess Home and Hospital	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do
Prospect Heights Hospital and Brooklyn Maternity	11	11	20	1 yr. H.S.	8	2	2	2	0	0	0	60
St. Christopher's Hospital	40	34	18	8th grade	10	9 mos.	0	120	0	0	0	0
St. Catharine's Hospital	60	14	18	1 yr. H.S.	10	3	3	3	0	0	0	0
St. John's Hospital	28	3	18	1 yr. H.S.	10	3	3	3	0	0	0	0
St. John's Long Island City Hospital	31	8	19	1 yr. H.S.	9	3	3	3	0	0	0	0
St. Mary Hospital	55	13	19	1 yr. H.S.	9	3	3	3	0	0	0	0
Swedish Hospital	20	17	18	1 yr. H.S.	9	3	3	3	0	0	0	0
The Williamsburgh Hospital	8	4	21	1 yr. H.S.	8	2	2	2	0	0	0	0
Wychwood Heights Hospital	12	8	23	1 yr. H.S.	10	3	3	3	0	0	0	0
Buffalo	19	1	21	1 yr. H.S.	10	3	3	3	0	0	0	0
Buffalo Community Hospital	141	30	20	2 yrs. H.S.	9	3	3	3	0	0	0	0
Buffalo General Hospital	13	28	21	1 yr. H.S.	10	3	3	3	0	0	0	0
Buffalo Homopathic Hospital	65	16	21	1 yr. H.S.	10	3	3	3	0	0	0	0
Buffalo Hospital of the Sisters of Charity	13	4	19	1 yr. H.S.	10	3	3	3	0	0	0	0
Buffalo Woman's Hospital	22	10	20	2 yrs. H.S.	9	3	3	3	0	0	0	0
Children's Hospital	43	20	19	1 yr. H.S.	10	3	3	3	0	0	0	0
Deaconess Hospital	17	9	18	1 yr. H.S.	10	3	3	3	0	0	0	0
Emergency Hospital	12	12	20	1 yr. H.S.	9	3	3	3	0	0	0	0
Erie County Hospital	73	12	21	1 yr. H.S.	12	3	3	3	0	0	0	0
German Hospital	11	5	19	1 yr. H.S.	12	3	3	3	0	0	0	0
La Fayette General Hospital	11	2	18	Sh. grade	19	3	3	3	0	0	0	0
Canandaigua	19	3	19	1 yr. H.S.	19	3	3	3	0	0	0	0
Frederick Ferris Thompson Hospital	34	11	15	19	1 yr. H.S.	9	3	3	0	0	0	0
Clifton Springs Sanitarium	55	15	19	1 yr. H.S.	9	3	3	3	0	0	0	0
Cohoes Springs Sanitarium	19	8	19	1 yr. H.S.	9	3	3	3	0	0	0	0
Coates	12	4	19	1 yr. H.S.	10	3	3	3	0	0	0	0
Cooperstown	12	5	18	1 yr. H.S.	10	3	3	3	0	0	0	0
Corning	23	7	19	1 yr. H.S.	10	3	3	3	0	0	0	0
Corliss	8	3	18	1 yr. H.S.	10	3	3	3	0	0	0	0
Dunkirk	0	34	18	1 yr. H.S.	20	3	3	3	0	0	0	0
Elmira	0	26	5	1 yr. H.S.	18	3	3	3	0	0	0	0
Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do	Do

<sup>1</sup> No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates.	Requirements for admission.	Hours duty required daily.	Years in course.	Tuition.	Remuneration.	Capacity (beds).	Average number of patients daily.			
		Men.	Women.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK—cont'd.														
Far Rockaway	St. Joseph's Hospital	0	30	5	19	1 yr. H. 8.	10	24	0	\$72	\$72	\$72	100	49
Fulton	Albert Lindley Lee Memorial Hospital	0	8	5	21	1 yr. H. 8.	10	24	0	96	96	96	26	19
Genesee	General City Hospital	0	23	9	18	1 yr. H. 8.	10	24	0	96	104	120	68	48
Glen Falls	Glen Falls Hospital	0	34	8	18	1 yr. H. 8.	9	24	0	96	96	96	60	50
Gloversville	Nathan Littauer Hospital	0	24	6	18	1 yr. H. 8.	9	3	0	72	120	120	65	42
Hempstead	Mercy Hospital	0	12	4	18	1 yr. H. 8.	10	24	0	60	72	72	50	26
Hempstead	St. James Mercy Hospital	0	14	1	18	1 yr. H. 8.	9	24	0	60	72	72	55	34
Hudson	Hudson City Hospital	0	31	5	19	1 yr. H. 8.	10	24	0	96	104	120	100	75
Ithaca	Ithaca City Hospital	0	6	6	20	1 yr. H. 8.	10	24	0	96	104	120	114	90
Jamesport	O. E. Jones General Hospital	0	21	4	18	1 yr. H. 8.	10	24	0	44	96	120	67	50
Do.	Woman's Christian Association Hospital	0	24	5	20	1 yr. H. 8.	10	24	0	120	144	144	65	50
Johnson City	Johnson City General Hospital	0	17	4	20	1 yr. H. 8.	10	24	0	96	120	120	38	32
Kingsbridge	City of Kingston Hospital	0	18	0	18	1 yr. H. 8.	10	24	0	72	96	96	33	24
Little Falls	Little Falls Hospital	0	16	4	19	1 yr. H. 8.	10	24	0	96	108	120	48	42
Lockport	Lockport City Hospital	0	13	4	18	1 yr. H. 8.	10	24	0	96	120	120	45	42
Middletown	Middletown Hospital	0	22	7	18	1 yr. H. 6.	13	3	0	96	120	144	76	70
Minisink	Nassau Hospital	0	26	4	20	1 yr. H. 8.	9	3	0	72	108	96	64	64
Montgomery	Mount Vernon Hospital	0	30	10	18	1 yr. H. 8.	10	3	0	72	120	108	80	80
St. Luke's Hospital	St. Luke's Hospital	0	40	12	18	1 yr. H. 8.	9	24	0	96	96	96	60	60
New Rochelle	New Rochelle Hospital	0	20	6	16	1 yr. H. 8.	10	24	0	96	120	120	40	36
New York	Bethel and Allied Hospitals	0	7	0	18	1 yr. H. 8.	9	24	0	96	120	120	45	40
Do.	Beth David Hospital	0	35	4	20	1 yr. H. 9.	10	24	0	96	120	120	45	42
Do.	Beth Israel Hospital	0	21	9	18	1 yr. H. 6.	12	24	0	0	0	0	46	42
Do.	Flown Hospital	0	44	22	18	1 yr. H. 8.	9	24	0	108	144	144	111	111
Do.	Flushing Hospital	0	58	11	21	1 yr. H. 6.	9	24	0	96	120	120	75	75
New York (Flushing)	French Hospital	0	56	7	18	1 yr. H. 6.	9	24	0	44	54	54	94	85
New York	French Hospital	0	57	13	21	1 yr. H. 6.	9	24	0	60	60	60	150	135
Do.	Hahnemann Hospital	0	46	12	18	1 yr. H. 6.	9	3	0	120	120	120	112	90
Do.	Har Mariah Hospital	0	13	6	19	1 yr. H. 8.	10	24	0	96	144	144	100	71
Do.	Jamaica Hospital	0	37	9	20	1 yr. H. 8.	10	24	0	120	120	120	68	51
New York (Jamaica)	Knickerbocker Hospital	0	26	6	19	1 yr. H. 8.	9	3	0	72	96	120	52	50
New York	Laura Franklin Free Hospital for Children	0	49	13	18	1 yr. H. 8.	10	3	0	75	108	108	137	137
Do.	Leeson Hospital	0	49	13	18	1 yr. H. 8.	10	3	0	75	108	108	137	137

## **NURSE TRAINING SCHOOLS, 1916.**

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Do.	Lenox Hill Hospital.	38	20	1 yr. H. S.	10	3	3	60	60	325	250	
Do.	Janeau Hospital.	24	18	2 yrs. H. S.	10	3	3	64	64	300	375	
New York (Jamaica)	Mary Immaculate Hospital.	3	18	1 yr. H. S.	9	3	0	60	60	90	4	
New York	Coney Island Oral Hygiene, Columbia University, Vanderbilt Clinic.	12	19	1 yr. H. S.	6	1	135	0	0	0	0	
Do.	Manhattan Maternity and Dispensary.	8	18	1 yr. H. S.	9	2	0	96	120	100	75	
Do.	New York Medical College and Hospital for Women (Lozier Memorial Training School).	45	21	1 yr. H. S.	9	3	0	120	114	180	1,023	
Do.	Metropolitan Hospital.	50	21	2 yrs. H. S.	10	2	0	48	48	321	275	
Do.	Massachusetts Hospital.	17	21	1 yr. H. S.	10	1	0	(*)	(*)	440	450	
Do.	Montefiore Home and Hospital for Chronic Diseases.	36	8	High grade.	10	1	0	60	60	300	450	
Do.	Mount Sinai Hospital.	200	55	1 yr. H. S.	8	3	0	60	60	120	190	
Do.	Neurological Institute of New York.	19	20	1 yr. H. S.	12	2	0	60	60	120	190	
Do.	New York Eye and Ear Infirmary.	13	20	8th Grade.	8	3	0	48	48	120	190	
Do.	New York Hospital.	61	21	H. S.	8	3	0	120	120	120	300	
Do.	New York Post-graduate Medical School and Hospital.	160	12	High grade.	10	2	0	120	120	120	280	
Do.	New York Post-graduate Medical School and Hospital (Margaret Fahnestock Training School).	189	38	H. S.	9	3	0	84	96	108	150	
Do.	People's Hospital.	14	6	21	1 yr. H. S.	10	2	0	120	120	120	70
Do.	People's Hospital.	16	10	18	1 yr. H. S.	10	2	0	96	120	144	50
Do.	Philanthropin Hospital.	12	1	18	8th Grade.	10	2	0	96	120	120	30
Do.	Presbyterian Hospital.	183	36	2 yrs. H. S.	9	3	0	70	70	0	249	
Do.	The Roosevelt Hospital.	47	21	H. S.	10	2	0	84	84	0	285	
Do.	St. Ann's Hospital (maternity).	14	14	High grade.	10	3	0	25	0	0	37	
Do.	St. Luke's Hospital.	200	35	H. S.	9	3	0	60	60	400	715	
Do.	St. Mark's Hospital of New York City.	28	19	8th Grade.	10	3	0	60	60	120	180	
Do.	St. Mary's Hospital for Children.	39	8	H. S.	10	2	0	64	64	128	190	
Do.	St. Vincent's Hospital.	117	26	1 yr. H. S.	9	3	0	96	96	380	523	
Do.	St. Vincent's Hospital.	22	4	1 yr. H. S.	10	3	0	96	96	143	163	
New York (New Brighton), New York	Sloane Hospital for Women.	105	167	Postgrad.	10	3 mos.	0	0	0	170	100	
Do.	Society of the Lying-in Hospital of the City of New York.	237	133	Postgrad.	12	3 mos.	0	0	0	150	13	
Do.	Sydenham Hospital.	0	0	1 yr. H. S.	9	3	0	96	96	150	125	
Do.	Swedenham Hospital.	48	14	1 yr. H. S.	10	3	0	84	120	180	75	
Do.	Mount St. Mary's Hospital.	25	6	1 yr. H. S.	10	3	0	60	60	135	80	
Niagara Falls	Mount St. Mary's Hospital.	22	10	1 yr. H. S.	12	3	0	72	72	84	140	
Do.	Niagara Falls Memorial Hospital.	11	16	1 yr. H. S.	9	3	0	96	96	100	140	
Ogdensburg	Ogdensburg City Hospital.	40	11	1 yr. H. S.	9	3	0	96	96	120	60	
Olean	Olean General Hospital.	26	13	1 yr. H. S.	10	3	0	96	96	120	50	
Oneida	Broad Street Hospital.	16	4	1 yr. H. S.	9	3	0	120	120	25	22	
Onondaga	Aurilia Ossborn ox Memorial Hospital.	10	3	1 yr. H. S.	10	2	0	120	120	0	100	
Oswego	Ossining Hospital.	16	3	1 yr. H. S.	9	3	0	120	120	144	52	
Potsdam	Oswego City Hospital.	18	7	1 yr. H. S.	10	3	0	96	96	120	36	
Potsdam	Potsdam Hospital.	15	4	1 yr. H. S.	10	2	0	96	96	108	90	
Port Chester	Champlain Valley Hospital.	35	4	2 yrs. H. S.	12	3	0	120	120	72	45	
Poughkeepsie	Champlain Valley Hospital.	18	6	1 yr. H. S.	10	3	0	96	96	144	51	
Vassar Brothers Hospital.	Vassar Brothers Hospital.	41	12	1 yr. H. S.	10	3	0	96	96	120	90	

Conducts a three months' special course to nurse pupils registered in other hospitals. First 6 months, \$72; second 6 months, \$81; third 6 months, \$108.

Temporarily suspended.  
None report.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates	Requirements for admission.	Hours of duty required daily.	Years in required course.	Tuition.	Remuneration.			Average number of patients daily.		
		Men.	Women.						First year.	Second year.	Third year.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NEW YORK—contd.														
Rochester	Rochester Dental Dispensary, School for Mental Hygiene.	0	40	40	20	1 yr. H. S.	6	1	45					
Do.	Graham Highland Park Sanitarium and Maternity Hospital.	32	12	20	1 yr. H. S.	10	3	0	\$56	\$120	\$14	126	15	
Do.	Hahnemann Hospital.	20	6	18	1 yr. H. S.	10	3	0	54	74	54	152	41	
Do.	Lee Private Hospital.	35	4	18	1 yr. H. S.	5	3	0	84	84	84	92	220	
Do.	Park Avenue Hospital.	30	35	19	1 yr. H. S.	10	3	0	40	0	0	30	115	
Do.	Rochester General Hospital.	80	20	19	1 yr. H. S.	10	3	0	86	129	144	156	131	
Do.	Rochester Homeopathic Hospital.	21	14	19	1 yr. H. S.	10	3	0	60	60	60	212	24	
Do.	St. Mary's Hospital.	17	1	18	1 yr. H. S.	10	3	0	50	60	60	60	60	
Rome	Rome Hospital.	9	9	19	1 yr. H. S.	9	3	0	96	108	120	63	37	
Saratoga Springs	Saratoga Hospital.	21	9	19	1 yr. H. S.	9	3	0	60	60	60	60	60	
Schenectady	Schenectady Hospital Association.	82	13	19	1 yr. H. S.	9	3	0	120	120	120	110	110	
Syracuse	Syracuse Private Hospital.	2	1	18	1 yr. H. S.	12	3	0	120	120	120	120	120	
Do.	Cross-Erving Hospital.	17	17	17	1 yr. H. S.	8	3	0	120	120	120	120	120	
Syracuse	Hospital of the Good Samaritan.	16	20	18	1 yr. H. S.	9	3	0	60	60	60	250	250	
Do.	St. Joseph's Hospital.	13	6	18	1 yr. H. S.	9	3	0	96	96	96	120	78	
Do.	Utica General Hospital.	23	8	19	1 yr. H. S.	10	3	0	60	72	84	96	40	
Do.	Syracuse Memorial Hospital.	57	13	17	1 yr. H. S.	10	3	0	60	72	84	96	90	
Troy	Barnard Hospital.	77	34	18	1 yr. H. S.	10	3	0	50	50	50	50	50	
Do.	Troy Hospital.	84	16	18	1 yr. H. S.	10	3	0	84	108	120	120	120	
Troy (North)	Leonard Hospital.	0	12	13	1 yr. H. S.	8	3	0	96	96	96	108	96	
Utica	Faxon Hospital.	29	7	21	2 yrs. H. S.	10	3	0	60	60	60	60	60	
Do.	St. Elizabeth Hospital.	22	5	21	1 yr. H. S.	10	3	0	60	60	60	60	60	
Do.	St. Luke's Hospital.	11	11	21	1 yr. H. S.	10	3	0	120	120	120	120	120	
Do.	Utica General Hospital.	14	5	20	1 yr. H. S.	10	3	0	96	120	144	144	120	
Watertown	Utica Homeopathic Hospital.	25	5	19	1 yr. H. S.	9	3	0	60	96	96	96	90	
Do.	House of the Good Samaritan.	53	12	18	1 yr. H. S.	9	2	0	96	120	120	120	100	
White Plains	St. Joseph's Hospital.	14	4	20	1 yr. H. S.	10	3	0	144	180	216	216	21	
Yonkers	White Plains Hospital.	33	15	21	1 yr. H. S.	9	3	0	84	120	144	110	66	
Do.	St. John's Riverdale Hospital Training School.	0	20	3	1 yr. H. S.	9	3	0	60	60	60	80	80	
Do.	St. Joseph's Hospital.	0	9	9	1 yr. H. S.	10	2	0	96	120	144	100	60	
Yonkers	Yonkers Homeopathic Hospital.	0												

## **NURSE TRAINING SCHOOLS, 1918.**

NORTH CAROLINA.		NORTH DAKOTA.	
Asheville.....	Asheville Mission Hospital.....	72	86
Do.....	Highland Hospital.....	120	73
Do.....	Meredith Hospital.....	60	62
Do.....	Charlotte-Barker Memorial Hospital.....	60	25
Charlotte.....	Charlotte Sanatorium.....	60	30
Do.....	Good Samaritan Hospital.....	60	44
Do.....	Mercy Hospital.....	60	50
Do.....	Presbyterian Hospital.....	60	50
Do.....	St. Peter's Hospital.....	60	60
Do.....	Lincoln Hospital.....	60	75
Do.....	Cumberland General Hospital.....	60	45
Do.....	Highsmith Hospital.....	60	36
Do.....	City Hospital.....	60	30
Do.....	Spicer Sanitarium.....	60	22
Do.....	St. Lee's Hospital.....	60	22
Do.....	Hamlet Hospital.....	60	18
Do.....	St. Elizabeth Hospital.....	60	18
Do.....	Patton Memorial Hospital.....	60	18
Do.....	High Point Hospital.....	60	18
Do.....	Parrott Memorial Hospital.....	60	18
Do.....	Lincoln Hospital.....	60	18
Do.....	Thompson Hospital.....	60	18
Do.....	Morehead City Hospital.....	60	18
Do.....	Grace Hospital.....	60	18
Do.....	Rex Hospital.....	60	18
Do.....	St. Arms Hospital.....	60	18
Do.....	Ronoke Rapids Hospital.....	60	18
Do.....	Park View Hospital.....	60	18
Do.....	Rocky Mount Sanitarium.....	60	18
Do.....	Rutherford Hospital.....	60	18
Do.....	Whitehead-Stokes Private Sanatorium.....	60	18
Do.....	Central Carolina Hospital.....	60	18
Do.....	Dr. H. F. Long's Private Sanatorium.....	60	18
Do.....	Edgewood General Hospital.....	60	18
Do.....	S. R. Foyle Memorial Hospital.....	60	18
Do.....	Watts Hospital.....	60	18
Do.....	James W. Walker Memorial Hospital.....	60	18
Do.....	Moore-Huntington Hospital.....	60	18
Do.....	Wilson Sanatorium.....	60	18
Do.....	City Hospital.....	60	18
Do.....	Spencer Sanitarium.....	60	18
Bismarck.....	Bismarck Hospital.....	70	72
Do.....	St. Alac's Hospital.....	62	11
Do.....	General Hospital of Devils Lake.....	62	12
Do.....	Mercy Hospital.....	62	12
Do.....	St. John's Hospital.....	60	12
Do.....	St. Luke's Hospital.....	60	12

1. No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.	Capacity (beds).	Average number of patients daily.
		Men.	Women.							
South Dakota—con.										
Grand Forks	Operation Deaconess Hospital	0	3	21	8th grade.	8	\$30	\$4	16	10
Do.	Grand Forks Deaconess Hospital	0	30	3	8th grade.	8	72	72	72	40
Si. Michael's Hospital		0	34	10	11. 8th grade.	10	60	60	75	43
Trinity Hospital		0	16	3	11. H. S.	9	60	60	60	36
Leavenworth Hospital		0	14	1	20. 8th grade.	10	90	120	90	22
Manitau Hospital		0	10	2	11. H. S.	9	90	120	120	14
Northwood Hospital		0	14	4	8th grade.	10	90	90	90	30
Oakland	Operation Deaconess Hospital	0	1	7	18. 8th grade.	9	0	72	12	20
Ruby	Good Samaritan Hospital	0	23	5	20. 1 yr. H. S.	10	0	0	60	56
Spurz Hills	Sioux Falls Lutheran Hospital	0	6	0	8th grade.	10	0	0	60	20
Wakpens	Lutheran Deaconess Hospital	0	6	0	11. H. S.	12	0	120	144	110
Do.	Alton City Hospital	0	37	9	19. 1 yr. H. S.	10	0	90	120	130
Do.	People's Hospital	0	30	17	18. 1 yr. H. S.	10	0	92	138	160
Alton City	Alton City General Hospital	0	12	0	18. 1 yr. H. S.	10	0	92	138	160
Ashtabula	Ashtabula General Hospital	0	26	5	18. 1 yr. H. S.	9	0	10	144	66
Bucyrus	Crawford County Hospital	0	6	0	18. 8th grade.	12	0	72	120	144
Cambridge	Cambridge Hospital	0	20	6	18. 1 yr. H. S.	10	0	120	140	140
Do.	Autumn Memorial Hospital	0	30	4	18. 1 yr. H. S.	9	0	60	96	117
Bethesda	Inglewood Hospital	0	35	17	18. 1 yr. H. S.	10	0	48	60	70
Do.	Mercy Hospital	0	67	20	18. 1 yr. H. S.	10	0	60	60	100
Chardon	Clarendon General Hospital (School of Nursing and Health, University of Cincinnati)	0	215	41	18. 8th grade.	10	0	0	0	705
Do.	Deaconess Hospital	0	10	7	18. 1 yr. H. S.	10	0	45	54	56
Do.	Good Samaritan Hospital	0	64	15	18. 1 yr. H. S.	9	0	60	84	130
Do.	Jefferson Hospital	0	16	5	18. 1 yr. H. S.	10	0	0	0	0
Do.	Hospital for Children of the Protestant Episcopal Church	0	31	18	19. 1 yr. H. S.	9	0	94	84	85
Do.	Seton Hospital	0	135	36	18. 1 yr. H. S.	8	0	120	120	60
Cleveland	Cleveland City Hospital	0	0	0	19. 1 yr. H. S.	14	0	0	0	0
Do.	Cleveland Maternity Hospital	0	0	0	19. 1 yr. H. S.	19	0	0	0	0



## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Graduates, A. & S. years.	Requirements for admission. ~Education (minimum).	Hours of duty in course daily.	Years in course.	Tuition.	Remuneration.			Capacity (beds).	Average number of patients daily.
		Men.	Women.						First year.	Second year.	Third year.		
		8	4						11	12	13		
Oklahoma—continued.													
Baldwin.	Salem Hospital.	9	0	18	2 yrs. H. & S.	x	3	0	\$96	\$130	\$144	50	33
Benton.	Good Samaritan Hospital.	8	6	18	1 yr. H. & S.	10	3	0	120	120	120	20	20
Berrien.	Providence Hospital.	6	4	19	1 yr. H. & S.	8	3	0	60	60	60	35	24
Do.	Springfield City Hospital	28	14	18	8th grade.	9	3	0	108	120	144	188	144
Springfield.	Do.	16	14	18	1 yr. H. & S.	10	3	0	72	88	120	323	42
Stearnsville.	Gill Hospital.	15	6	18	1 yr. H. & S.	9	3	0	72	96	96	125	42
Do.	Ohio Valley Hospital	15	6	21	6th grade.	10	3	0	60	72	84	98	17
Tulsa.	Merry Hospital.	0	0	18	H. & S.	9	3	0	60	60	60	44	33
Do.	East Side Hospital	0	0	12	H. & S.	8	3	0	60	60	60	33	30
Do.	Flower Hospital	0	0	44	H. & S.	8	3	0	36	60	96	53	60
Do.	Lakes County Hospital	0	0	7	6	22	1 1/2 yrs. H. & S.	10	1	0	0	0	15
Do.	Maternity and Children's Hospital	0	0	23	6	18	1 yr. H. & S.	10	3	0	0	0	30
Do.	Do.	70	13	18	1 yr. H. & S.	9	3	0	60	60	60	275	200
Do.	St. Vincent's Hospital	36	13	19	1 yr. H. & S.	9	3	0	60	60	60	135	115
Do.	Robin Hood Hospital	7	7	18	1 yr. H. & S.	9	3	0	60	60	60	37	30
Do.	Do.	7	7	18	1 yr. H. & S.	10	3	0	60	60	60	60	50
Do.	Ruebel Hospital	15	6	18	1 yr. H. & S.	10	3	0	60	120	144	96	60
Do.	Van Wert County Hospital	17	18	18	1 yr. H. & S.	10	3	0	60	120	144	144	120
Do.	Warren City Hospital	17	18	18	1 yr. H. & S.	9	3	0	60	120	144	144	120
Do.	Youngstown Hospital	17	0	19	1 yr. H. & S.	9	3	0	60	60	96	60	42
Zanesville.	Bethesda Hospital	23	7	18	1 1/2 yrs. H. & S.	8	3	0	60	72	72	100	62
Do.	Good Samaritan Hospital	0	0	0	0	0	0	0	0	0	0	0	0
OKLAHOMA.													
Ada.	Hardy Sanitarium.	11	1	18	1 yr. H. & S.	9	3	0	96	120	144	46	25
Blackwell.	Brockwell Hospital	16	3	18	1 yr. H. & S.	10	3	0	48	72	96	30	15
Chisholm.	Chisholm Hospital	18	2	18	1 yr. H. & S.	8	3	0	144	168	192	49	25
Clinton.	Clinton Hospital	6	3	21	2 yrs. H. & S.	10	3	0	60	72	84	35	30
El Reno.	El Reno Sanitarium	50	8	18	1 yr. H. & S.	10	3	0	60	60	60	120	65
Enid.	End General Hospital	14	3	20	1 yr. H. & S.	10	3	0	120	120	120	30	20
Do.	University Hospital	15	3	21	1 yr. H. & S.	10	3	0	72	84	96	80	25
Guilford.	Hanleyette Hospital	20	5	20	1 yr. H. & S.	9	3	0	144	144	144	72	15
Hearne.	Hoffman Hospital	7	2	20	1 yr. H. & S.	8	3	0	120	140	160	20	10
Hobart.	Comanche County Hospital	10	2	18	1 yr. H. & S.	12	3	0	72	72	72	20	8
Lawton.	McAlester.	6	2	18	1 yr. H. & S.	8	3	0	120	120	120	60	35
Do.	All Saints Hospital	20	2	18	1 yr. H. & S.	8	3	0	120	120	120	60	35

**NURSE TRAINING SCHOOLS, 1918.**

11 No report.

Table 21. Statistics of nurse training schools in general hospitals, 1917-18--Continued.

Location	Hospital with which nurse training school is affiliated	Nurse pupils		Requirements for admission.	Age, years	Graduates	Hours of duty required daily	Years in re-course	Tuition	Remuneration.				Aver. no. of pupils daily
		Men	Women							First year	Second year	Third year		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>PENNSYLVANIA--con.</b>														
Butler	Butler County General Hospital	0	12	6	18	8th grade	10	3	0	386	\$120	\$144	\$144	42
Carbridge	Logan Hospital	0	12	6	18	H. S.	10	3	0	95	120	114	114	15
Carbondale	Emergency Hospital	0	12	6	18	H. S.	10	2	0	108	120	112	112	9
Do.	City Hospital	0	12	6	18	H. S.	10	2	0	75	120	114	114	10
Carlin	Carlisle Hospital	0	12	2	19	H. S.	10	3	0	72	120	114	114	19
Chambersburg	Chambersburg Hospital	0	12	2	19	H. S.	10	3	0	72	120	114	114	23
Chester	Chester Hospital	0	12	4	21	H. S.	10	3	0	90	120	114	114	123
Do.	J. Lewis Crozer Home for Incurables and Homœopathic Hospital	0	10	6	19	3 yrs. H. S.	10	4	0	45	120	114	114	15
Clearfield	Clearfield Hospital	0	25	7	19	H. S.	10	4	0	72	96	120	120	15
Coaldale	State Hospital	0	12	7	18	8th grade	10	2	0	94	120	114	114	15
Concordville	Cochranville Hospital	0	6	2	19	8th grade	10	3	0	96	120	114	114	10
Columbia	Columbia Hospital	0	10	2	18	2 yrs. H. S.	10	3	0	90	120	114	114	22
Corry	Corry Hospital	0	16	2	18	H. S.	10	3	0	72	96	120	120	15
Conshohocken	George F. Fidlander Memorial Hospital	0	12	3	19	H. S.	10	3	0	72	96	120	120	15
Darville	Do. Bob H. Hospital	0	30	6	20	H. S.	10	3	0	72	96	120	120	15
Do.	Easton Hospital	0	12	11	20	H. S.	10	3	0	72	96	120	120	15
Erie	Erie Hospital	0	12	12	20	H. S.	10	3	0	72	96	120	120	15
Do.	St. Vincent's Hospital	0	12	13	20	H. S.	10	3	0	72	96	120	120	15
Franklin	Franklin Hospital	0	10	12	20	H. S.	10	3	0	72	96	120	120	15
Greenwood	Westmoreland Hospital Association	0	28	5	14	8th grade	12	3	0	96	120	114	114	15
Greenvale	The Greenville Hospital	0	9	2	14	H. S.	10	3	0	96	120	114	114	15
Harrisburg	Harrisburg Hospital	0	33	9	20	1 yr. H. S.	10	3	0	111	120	114	114	15
Do.	Harrisburg Polyclinic Hospital	0	7	2	19	H. S.	10	3	0	72	96	120	120	15
Haslett	Haslett Hospital	0	22	6	20	H. S.	10	9	0	96	120	114	114	15
Homestead	Homestead Hospital	0	12	3	18	8th grade	10	9	0	96	120	114	114	15
Humbleton	J. C. Blair Memorial Hospital	0	17	6	19	8th grade	10	9	0	96	120	114	114	15
Indiana	Indiana Hospital	0	23	12	19	1 yr. H. S.	10	3	0	72	120	114	114	15
Johnstown	Johnstown Valley Memorial Hospital	0	35	13	18	1 yr. H. S.	10	3	0	104	120	114	114	15
Do.	The Mercy Hospital	0	46	4	18	8th grade	9	3	0	60	120	114	114	15
Kane	Kane Sanatorium Hospital	0	20	6	18	H. S.	10	3	0	60	120	114	114	15
Kingston	Keystone State Hospital	0	15	4	18	1 yr. H. S.	10	3	0	60	120	114	114	15
Lancaster	Lancaster General Hospital	0	30	7	20	2 yrs. H. S.	10	3	0	72	120	114	114	15
Do.	St. Joseph's Hospital	0	32	4	20	H. S.	10	3	0	60	120	114	114	15

## NURSE TRAINING SCHOOLS, 1918.

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## **School for the training of physiotherapists.**

**3: Conducts a 3-months' course to pupil nurses registered in other hospitals.**

1 No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in tuition course.	Remuneration.	Average number of patients daily.	
		Men.	Women.						
1		3	4	5	6	7	8	9	
<b>PENNSYLVANIA—cont.</b>									
Philadelphia	Philadelphia Lying-In Charity Hospital and Infirmary for Nervous Diseases.	0	32	7	21	8th Grade	10	1	96
Do.	Philadelphia Orthopedic Hospital and Infirmary for Nervous Diseases.	0	37	5	18	1 yr. H. S.	10	3	96
Do.	Philadelphia Psychiatric Hospital	0	53	7	18	2 yrs. H. S.	9	3	96
Do.	Presbyterian Hospital	0	81	10	18	H. S.	9	3	96
Do.	Joseph Price Hospital	0	34	8	18	1 yr. H. S.	9	3	96
Do.	Protestant Episcopal Hospital	0	115	18	21	1 yr. H. S.	10	3	96
Do.	Roosevelt Hospital	0	10	3	20	H. S.	12	3	96
Do.	Agnes Hospital	0	90	16	18	1 yr. H. S.	9	3	96
Do.	St. Christopher's Hospital for Children	0	16	3	21	H. S.	10	3	96
Do.	St. Joseph's Hospital	0	65	23	22	1 yr. H. S.	10	3	96
Do.	St. Luke's Hospital	0	20	7	18	8th Grade	9	3	96
Do.	St. Mary's Hospital	0	58	7	18	1 yr. H. S.	9	3	96
Do.	St. Timothy's Hospital	0	35	5	18	1 yr. H. S.	8	3	96
Do.	St. Vincent's Home and Maternity Hospital	0	17	10	18	8th Grade	10	2	96
Do.	St. Vincent's Hospital (Temple University Training School).	0	60	15	21	1 yr. H. S.	10	3	96
Do.	West Philadelphia General Homoeopathic Hospital	0	17	18	18	H. S.	8	3	96
Do.	West Philadelphia Hospital for Women	0	16	3	20	1 yr. H. S.	12	3	96
Do.	West Philadelphia Hospital of Philadelphia	0	21	8	18	1 yr. H. S.	9	3	96
Do.	Women's Hospital of Philadelphia	0	35	13	21	1 yr. H. S.	9	3	96
Do.	Woman's Homoeopathic Association Hospitals of Pennsylvania.	0	36	6	5	1 yr. H. S.	9	3	96
Do.	College Hospital of the Woman's Medical College.	0	28	4	19	1 yr. H. S.	10	3	96
Do.	Woman's Southern Homoeopathic Hospital	0	14	8	20	1 yr. H. S.	10	3	96
Do.	Cottage State Hospital	0	10	3	18	1 yr. H. S.	10	3	96
Do.	Phenixville Hospital	0	14	3	18	H. S.	8	3	96
Do.	Allegheny General Hospital	0	125	42	18	1 yr. H. S.	8	3	96
Do.	Children's Hospital of Pittsburgh	0	12	3	16	1 yr. H. S.	10	2	96
Do.	Homoeopathic Hospital	0	88	14	19	1 yr. H. S.	9	3	96
Do.	Merry Hospital	0	100	20	20	1 yr. H. S.	10	3	96
Do.	Montefiore Hospital	0	21	1	21	8th Grade	9	3	96
Do.	Passavant Hospital	0	7	43	18	2 yrs. H. S.	9	3	96

NURSE TRAINING SCHOOLS, 1918.

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Do.	42	8	18	1 yr. H. S. ....	11	3	0	0	128
Do.	50	14	19	8th Grade.....	10	3	0	0	62
Do.	150	18	19	1 yr. H. S. ....	64	66	120	115	139
Do.	170	8	18	1 yr. H. S. ....	60	60	120	119	116
Do.	60	60	18	1 yr. H. S. ....	64	64	120	119	116
Do.	130	13	18	1 yr. H. S. ....	64	64	120	119	116
Do.	120	12	19	1 yr. H. S. ....	64	64	120	119	116
Do.	12	12	19	1 yr. H. S. ....	64	64	120	119	116
Do.	14	14	18	1 yr. H. S. ....	64	64	120	119	116
Do.	140	14	18	1 yr. H. S. ....	64	64	120	119	116
Do.	200	23	20	1 yr. H. S. ....	64	64	120	119	116
Pittston.	17	1	20	2 yr. H. S. ....	24	0	0	0	46
Pottstown.	7	1	18	H. S. ....	9	3	0	0	41
Pottsville Hospital.	20	3	18	1 yr. H. S. ....	9	3	0	0	41
Pottsville Hospital.	42	8	18	1 yr. H. S. ....	9	3	0	0	41
Pottsville Hospital.	21	9	18	1 yr. H. S. ....	9	3	0	0	41
Do.	17	5	19	1 yr. H. S. ....	9	3	0	0	41
Do.	23	7	18	1 yr. H. S. ....	9	3	0	0	41
Do.	46	6	18	1 yr. H. S. ....	9	3	0	0	41
Do.	40	6	18	1 yr. H. S. ....	9	3	0	0	41
Rendham.	5	1	21	Sub Grade.....	8	0	0	0	13
Renovo.	21	3	20	1 yr. H. S. ....	9	3	0	0	45
Ridgeway.	10	6	18	1 yr. H. S. ....	9	3	0	0	45
Ridley Park.	9	4	20	H. S. ....	10	3	0	0	34
Roaring Spring.	21	3	21	1 yr. H. S. ....	9	3	0	0	34
Rochester.	14	6	18	1 yr. H. S. ....	10	3	0	0	34
Do.	82	13	21	H. S. ....	10	3	0	0	34
Schuylkill Haven.	1	1	18	1 yr. H. S. ....	10	3	0	0	34
Schuylkill Haven.	15	9	21	1 yr. H. S. ....	9	3	0	0	34
Schoharie.	62	10	20	H. S. ....	10	3	0	0	34
Do.	36	7	18	2 yrs. H. S. ....	9	3	0	0	34
Do.	20	9	19	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	9	0	18	H. S. ....	9	3	0	0	34
Shawokin.	14	4	19	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	18	3	18	8th Grade.....	10	3	0	0	34
Shawokin.	5	0	18	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	76	11	18	2 yrs. H. S. ....	9	3	0	0	34
Shawokin.	4	2	19	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	10	3	18	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	6	3	21	H. S. ....	12	21	0	0	34
Shawokin.	21	0	18	H. S. ....	10	3	0	0	34
Shawokin.	32	4	20	8th Grade.....	10	3	0	0	34
Shawokin.	30	0	18	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	8	0	18	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	28	8	18	1 yr. H. S. ....	10	3	0	0	34
Shawokin.	22	1	18	H. S. ....	9	3	0	0	34
Shawokin.	37	16	20	H. S. ....	9	3	0	0	34
Shawokin.	61	16	19	1 yr. H. S. ....	9	3	0	0	34
Shawokin.	16	0	18	H. S. ....	9	3	0	0	34
Shawokin.	0	0	0	0	0	0	0	0	0

\* No report.

<sup>1</sup> 3 years for women; 2 years for men.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.			Average number of pupils daily.			
		Men.	Women.					First year.	Second year.	Third year.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PA. (continued)														
Wilkes-Barre	Riverside Hospital	0	4	18	1 H. S.	10	21	0	372	\$66	\$4	26	160	160
Do.	Wilkes-Barre City Hospital	0	109	22	20 H. S.	8	3	0	0	0	0	0	200	160
Do.	Wyoming Valley Homoeopathic Hospital	0	15	4	19 1 yr. H. S.	10	3	0	60	60	60	34	21	21
Windber	Columbia Hospital	0	14	14	19 1 yr. H. S.	9	3	0	20	30	50	175	150	150
Windber	Windber Hospital	0	79	23	18 H. S.	9	3	0	20	20	14	14	70	59
York	York Hospital and Dispensary	0	35	8	18 2 yrs. H. S.	10	3	0	34	34	34	84	84	65
RHODE ISLAND														
Newport	Newport Hospital	0	60	14	21 2 yrs. H. S.	8	3	0	96	96	96	150	90	90
Pawtucket	Blackstone Hospital	4	26	29	18 1 yr. H. S.	10	3	0	66	66	66	120	33	33
Do.	The Memorial Hospital	0	76	6	19 1 yr. H. S.	10	3	0	96	96	96	120	82	82
Do.	Park Place Hospital	0	6	2	18 8th grade	10	3	0	120	120	120	120	17	17
Providence	Providence City Hospital	0	2	2	18 Special training	8	2,3,4	0	120	120	120	200	126	126
Do.	Holmes Hospital of Rhode Island	0	25	40	19 1 yr. H. S. Special training	10	3	0	96	96	96	96	96	96
Do.	Providence Lying-in Hospital	0	24	...	18 (3) 2 yrs. H. S.	9	3	0	0	0	0	0	39	39
Do.	Providence Surgical Hospital	1	8	1	20 2 yrs. H. S.	8	3	0	96	96	96	144	30	30
Do.	Rhode Island Hospital	1	32	49	21 H. S.	10	3	0	72	72	72	96	465	465
Do.	St. Joseph's Hospital	0	34	10	18 1 yr. H. S.	9	3	0	96	96	96	150	125	125
Do.	Woonsocket Hospital	0	23	6	18	9	3	0	96	96	96	96	35	40
SOUTH CAROLINA														
Anderson	Anderson County Hospital	0	19	1	16 H. S.	10	3	0	96	96	96	96	96	96
Do.	St. Mary's Hospital	0	6	4	19 H. S.	10	3	0	120	120	120	120	120	120
Charleston	Baker Sanatorium	0	22	6	19 2 yrs. H. S.	10	3	0	60	60	60	60	60	60
Do.	Hospital and Training School for Nurses	0	14	5	18 Normal school	10	3	0	0	0	0	0	23	23
Do.	Roper Hospital	0	40	40	19 1 yr. H. S.	10	3	0	60	60	60	60	60	60
Do.	St. Francis' Infirmary	0	9	9	18 H. S.	10	3	0	120	120	120	120	120	120
Charleston	Priory Hospital	0	32	5	18 St. Fr. Grade	10	3	0	60	60	60	60	60	60
Charleston	Baptist Hospital	0	7	1	18 2 yrs. H. S.	10	3	0	0	0	0	0	0	0
Charleston	Benedict College Hospital	0	42	17	19 1 yr. H. S.	10	3	0	120	120	120	120	135	135
Charleston	Columbia Hospital	0	15	15	20 H. S.	10	3	0	60	60	60	60	60	60
Charleston	Good Samaritan Hospital	0	15	15	20 H. S.	10	3	0	72	72	72	72	72	72



## BIENNIAL SURVEY OF EDUCATION, 1916-18.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty in required course daily.	Years in tuition course.	Remuneration.	Aver- age number of patients daily.						
		Men.	Women.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>TEXAS—continued.</b>														
Beaumont.	Hotel Dieu.	25	5	18	8th grade.	8	3	0	84	84	150	150	150	100
Bonham.	S. B. Allen Memorial Hospital.	8	0	18	8th grade.	10	3	0	90	120	120	120	120	120
Dallas.	Pauline City Hospital.	24	5	21	H. S.	10	3	0	90	120	120	120	120	120
Do.	St. Paul Sanitarium.	83	20	18	1 yr. H. S.	12	3	0	90	120	120	120	120	120
Do.	Texas Baptist Memorial Sanitarium.	2	0	20	2 yrs. H. S.	9	3	0	90	120	120	120	120	120
El Paso.	Hotel Dieu.	80	20	19	8th grade.	9	3	0	90	120	120	120	120	120
Do.	Providence Hospital.	40	8	20	H. S.	10	3	0	90	120	120	120	120	120
Fort Worth.	All Saints Hospital.	36	3	20	H. S.	10	3	0	90	120	120	120	120	120
Do.	St. Joseph's Infirmary.	38	12	18	H. S.	10	3	0	90	120	120	120	120	120
Galveston.	Galveston Sanitarium.	37	11	18	8th grade.	10	3	0	90	120	120	120	120	120
Do.	John Sealy Hospital (University of Texas School of Nursing).	14	2	18	1 yr. H. S.	10	3	0	90	120	120	120	120	120
Do.	St. Mary's Infirmary.	71	20	20	1 yr. H. S.	10	3	0	90	120	120	120	120	120
Houston.	Hospital Sanitarium.	35	5	18	H. S.	10	3	0	78	114	84	84	84	125
Do.	St. Joseph's Infirmary.	42	12	19	1 yr. H. S.	9	3	0	90	120	120	120	120	120
Marshall.	Kahn Memorial Hospital.	63	7	18	1 yr. H. S.	9	3	0	90	120	120	120	120	120
Paris.	St. Joseph's Infirmary.	3	3	18	1 yr. H. S.	10	2	0	60	60	60	60	60	60
Do.	Sanatorium of Paris.	12	0	16	H. S.	11	3	0	84	144	84	84	84	84
San Antonio.	Baylor Hospital.	24	6	18	H. S.	11	3	0	108	120	120	120	120	120
Do.	Robert B. Green Memorial Hospital.	36	10	18	H. S.	9	2	0	120	120	120	120	120	120
Do.	Physicians and Surgeons Hospital.	32	2	18	1 yr. H. S.	8	3	0	90	90	90	90	90	90
Do.	Santa Rosa Infirmary.	58	6	18	H. S.	8	2	0	72	120	120	120	120	120
Do.	St. Vincent's Sanitarium.	45	14	18	8th grade.	12	3	0	90	90	90	90	90	90
Do.	St. Vincent's Hospital.	32	6	19	H. S.	8	3	0	60	60	60	60	60	60
Do.	Kirk's Daughter's Hospital.	70	5	19	2 yrs. H. S.	10	3	0	72	120	120	120	120	120
Do.	Texarkana Sanitarium and Hospital.	15	2	20	H. S.	8	3	0	120	144	168	168	168	168
Waco.	Providence Sanitarium.	53	10	18	H. S.	9	3	0	60	90	120	120	120	120
<b>UTAH.</b>														
Logan.	Utah-Idaho Hospital.	9	6	20	2 yrs. H. S.	12	3	0	60	90	90	90	90	90
Ordinary.	Thomas D. Dee Memorial Hospital.	45	13	19	1 yr. H. S.	9	3	0	60	120	144	144	144	144
Provo City.	Provo General Hospital.	10	1	19	1 yr. H. S.	9	3	0	60	72	120	120	120	120
Salt Lake City.	Holy Cross Hospital.	60	6	18	1 yr. H. S.	9	3	0	60	90	120	120	120	120
Do.	Dr. W. H. Groves Latter Day Saints Hospital.	96	19	19	1 yr. H. S.	9	3	0	60	90	120	120	120	120
Do.	St. Mark's Hospital.	53	14	18	1 yr. H. S.	9	3	0	60	90	120	120	120	120
Do.	Salt Lake County Hospital.	5	19	19	1 yr. H. S.	9	3	0	60	90	120	120	120	120

## **NURSE TRAINING SCHOOLS, 1918.**

Temporarily closed, by reason of the war.  
No report.

### 3. No report.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Years in course.	Tuition.	Remuneration.	Capacity (beds).	Average number of patients daily.
		Men.	Women.							
1	2	3	4	5	6	7	8	9	10	11
Virginia—continued.										
Roanoke	St. Charles Hospital	0	12	10	18	2 yrs. H. S.	9	3	120	30
Do.	Shenandoah Hospital	0	18	4	19	1 yr. H. S.	9	3	120	30
Do.	Kirk's Daughters Hospital	0	25	3	18	2 yrs. H. S.	9	3	120	30
Do.	Winchester Memorial Hospital	0								
Washington.										
Aberdeen	Aberdeen General Hospital	0	14	4	18	H. S. ....	10	3	60	14
Do.	St. Joseph's Hospital	0	11	1	16	H. S. ....	11	2	60	120
Birmingham	St. Joseph's Hospital	0	8	3	20	H. S. ....	9	3	120	144
Do.	St. Luke's Hospital	0	13	9	18	1 yr. H. S.	10	3	72	96
Do.	St. Helen's Hospital	0	9	0	20	1 yr. H. S.	11	3	60	45
Do.	St. Ignatius Hospital	0	14	0	18	8th grade....	10	3	60	144
Do.	Everett Hospital	0	14	4	18	No requirements.	3	0	60	60
Do.	Providence Hospital	0	23	2	18	8th grade....	10	3	60	120
Do.	Holman General Hospital	0	18	8	18	1 yr. H. S.	10	2	180	144
Do.	Port Angeles General Hospital	0	1	0	21	1 yr. H. S.	10	3	240	240
Do.	City Hospital	0	20	6	20	2 yrs. H. S.	9	3	180	180
Do.	Lakeside Hospital	0								
Do.	Minor Hospital	0	40	11	20	H. S. ....	5	3	120	120
Do.	Providence Hospital	0	36	22	20	H. S. ....	5	3	60	60
Do.	Seattle General Hospital	0	70	15	20	H. S. ....	5	3	120	156
Do.	Seattle Hospital	0	80	16	19	1 yr. H. S.	10	3	96	132
South Bend.	South Bend General Hospital	0	4	1	18	8th grade....	10	3	144	168
Spokane.	Sacred Heart Hospital	43	11	19	19	H. S. ....	5	3	60	96
Do.	Deaconess Hospital	44	15	19	19	H. S. ....	5	3	96	108
Tacoma.	St. Luke's Hospital	54	12	16	21	2 yrs. H. S.	5	3	120	120
Do.	St. Joseph's Hospital	53	15	21	11	H. S. ....	5	3	60	60
Do.	Tacoma General Hospital	63	30	20	11	H. S. ....	5	3	60	60
Vancouver.	St. Joseph's Hospital	16	4	18	2 yrs. H. S.	9	3	90	90	120
Walla Walla.	St. Mary's Hospital	25	2	18	H. S. ....	9	3	60	60	70
Wenatchee.	Central Washington Deaconess Hospital	9	1	20	1 yr. U. S.	9	3	120	120	22
Yakima.	St. Elizabeth's Hospital	39	13	18	8th grade....	10	3	60	60	144

## **NURSE TRAINING SCHOOLS, 1918.**

1 Temporarily closed, by reason of the war.

## BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 21.—Statistics of nurse training schools in general hospitals, 1917-18.—Continued.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.		Requirements for admission.	Hours of duty required daily.	Tuition, per course.	Remuneration, first year.	Second year.	Third year.	Capacity (beds).	Average number of patients daily.			
		Men.	Women.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WISCONSIN—cont'd.														
La Crosse	La Crosse Hospital	19	2	19 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
Do.	La Crosse Lutheran Hospital	56	8	19 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	St. Francis Hospital	60	12	20 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Madison	Madison General Hospital	52	8	19 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	Madison Sanitarium	23	5	18 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
Do.	St. Joseph's Hospital	2	15	15 yrs. H. S.	12	3	0	0	0	0	0	0	0	0
Madison	Columbia Hospital	15	4	19 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Do.	Hanover Hospital	21	3	18 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Do.	Milwaukee Maternity Hospital	53	18	20 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	Milwaukee Maternity Hospital	16	1	18 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	Mercy Hospital	14	6	20 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	Mount Sinai Hospital	50	13	19 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Do.	St. Joseph's Hospital	61	15	18 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
Do.	St. Mary's Hospital	60	10	19 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Do.	Trinity Hospital (Marquette University Nurse Training School)	63	15	19 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Meeker	Theida Clark Memorial Hospital	15	5	19 yrs. H. S.	12	3	0	0	0	0	0	0	0	0
Oconomowoc	Wadsworth Park Sanatorium	14	7	19 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Oshkosh	Mercy Hospital	25	4	19 yrs. H. S.	9	3	0	0	0	0	0	0	0	0
Prairie du Chien	Rosenzweig Sanitarium	2	9	18 yrs. Grade	8	3	0	0	0	0	0	0	0	0
Racine	St. Luke's and Alice Horlick Memorial Hospital	24	5	19 yrs. H. S.	10	4	3	0	0	0	0	0	0	0
Do.	St. Mary's Hospital	21	7	19 yrs. H. S.	10	3	0	0	0	0	0	0	0	0
Shawano	Shawano Hospital	5	3	18 yrs. H. S.	12	3	0	0	0	0	0	0	0	0
Sturgeon Bay	Stoughton Surgical Hospital	0	4	18 yrs. Grade	10	3	0	0	0	0	0	0	0	0
Watertown	People's Hospital	0	5	18 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
Waupaca	St. Mary's Hospital	0	20	18 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
Milwaukee County Hospital	0	82	14	19 yrs. H. S.	8	3	0	0	0	0	0	0	0	0
WYOMING.														
Cheyenne	St. John's Hospital	0	34	7	18 yrs. H. S.	9	3	0	0	0	0	0	0	0
Laramie	Jackson Memorial Hospital	0	3	18 yrs. Grade	12	3	0	0	0	0	0	0	0	0
Rock Springs	Wyoming General Hospital	0	20	0	18 yrs. Grade	10	3	0	0	0	0	0	0	0
Sheridan	Wyoming General Hospital	0	20	0	18 yrs. Grade	9	3	0	0	0	0	0	0	0

<sup>1</sup> Hope to open training school in 1919.

NURSE TRAINING SCHOOLS, 1918.

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TABLE 22.—Statistics of nurse training schools connected with hospitals for the treatment of the insane, 1917-18.

Location.	Hospital with which nurse training school is affiliated.	Nurse pupils.				Requirements for admission.	Remuneration.			Capacity (beds)	Average number of patients daily.			
		Graduates.		Age, years.	Education (minimum).		First year.	Second year.	Third year.					
		Men.	Women.											
Montgomery, Ala.	Bible Hospital for the Insane	3	21	6	18	8th grade.....	13	3	\$240	\$360	1,500			
Middlebury, Conn.	Connecticut Hospital for the Insane	2	22	0	18	8th grade.....	13	2	\$72	\$78	2,630			
Norwich, Conn.	Norwich Hospital for the Insane	0	12	0	18	8th grade.....	13	2	420	1,230	1,231			
Washington, D. C.	St. Elizabeth Hospital	27	88	9	12	8th grade.....	12	(1)	(1)	3,500	3,500			
Millederville (Ga.)	Georgia State Sanitarium	1	33	1	34	3 yrs. H. S.	13	3	216	259	200			
Dunedin, Fla.	Chicago State Hospital	1	12	0	12	8th grade.....	8	2	480	528	170			
Elgin, Ill.	Elgin State Hospital	1	5	0	18	8th grade.....	8	2	360	324	348			
Jacksonville, Ill.	Jacksonville State Hospital	0	18	0	7	21	8th grade.....	8	2	108	147			
Kankakee, Ill.	Kankakee State Hospital	0	21	0	11	18	8th grade.....	8	2	200	60			
Peoria, Ill.	Peoria State Hospital	1	19	1	10	19	8th grade.....	8	2	420	468			
Charlevoix, Iowa	Charlevoix State Hospital	0	40	0	8	18	8th grade.....	2,3	300	318	349			
Clarinda, Iowa	Clarinda State Hospital	0	8	0	3	18	8th grade.....	3	420	450	2,400			
Clearfield, Iowa	Clearfield State Hospital	0	16	0	1	18	8th grade.....	3	360	360	1,100			
Independence, Iowa	Independence State Hospital	14	53	3	4	18	8th grade.....	10	276	324	1,185			
Mount Pleasant, Iowa	Mount Pleasant State Hospital	6	10	2	8	18	8th grade.....	3	466	516	65			
Oskaloosa, Iowa	Oskaloosa State Hospital	0	12	1	8	20	8th grade.....	13	2	420	420			
Topuka, Kans.	Topuka State Hospital	4	12	1	8	18	8th grade.....	2	144	144	1,130			
Hopkinsville, Ky.	Western State Hospital	0	8	0	6	21	8th grade.....	2	360	420	1,406			
Lakeland, Ky.	Panama State Hospital	4	8	0	4	18	8th grade.....	2	(1)	(1)	1,680			
Augusta, Me.	Augusta State Hospital	0	19	0	7	18	1 yr. H. S.	10	300	442	1,373			
Bangor, Me.	Bangor State Hospital	1	42	1	2	19	1 yr. H. S.	9	3	4338	4116	1,085		
Bethel, Me.	Independent State Hospital for the Insane	3	22	1	9	18	8th grade.....	14	2	24	458			
Portsmouth, Md.	Stepford and French Pratt Hospital	0	30	0	.....	18	3 yrs. H. S.	9	3	144	144	1,600		
Boston (Dorchester), Mass.	Boston State Hospital	2	68	.....	.....	18	1 yr. H. S.	10	3	405	460	1,526		
Hardwick, Mass.	Medfield State Hospital	0	22	0	8	21	1 yr. H. S.	10	3	360	460	1,617		
Hathorne, Mass.	Davens State Hospital	0	26	0	5	18	1 yr. H. S.	10	3	360	460	1,602		
North Granville, Mass.	Grafton State Hospital	0	31	0	9	18	1 yr. H. S.	10	3	360	460	1,809		
Northampton, Mass.	Northampton State Hospital	0	67	0	1	18	1 yr. H. S.	10	3	360	460	1,940		
Palmer, Mass.	Palmer State Hospital	0	9	0	2	18	1 yr. H. S.	8	3	415	450	1,000		
Quinton, Mass.	Quinton State Hospital	0	35	0	1	22	1 yr. H. S.	10	3	300	360	1,350		

First year, men, \$315; women, \$355; second year, men, \$375; women, \$315.

Training school suspended during the year.

First year, men, \$340; women, \$341; second year, men, \$420; women, \$420.

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BIENNIAL SURVEY OF EDUCATION, 1916-1918.

TABLE 22.—Statistics of nurse training schools connected with hospitals for the treatment of the insane, 1917-18.—Continued.

## NURSE TRAINING SCHOOLS, 1918.

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18	0	5	14	8th grade.....	13	2	366	456	1,951	1,845	
23	0	7	20	1 yr. H. S.....	21	2	300	350	1,250		
16	2	6	18	8th Grade.....	13	2	300	350	1,600	1,830	
15	2	2	18	1 yr. H. S.....	13	3	300	350	1,030	894	
15	0	2	18	1 yr. H. S.....	13	3	300	350	1,030	1,103	
49	10	10	18	1 yr. H. S.....	9	3	252	276	300	1,084	
40	7	15	20	1 yr. H. S.....	14	2	360	380	1,708	1,697	
27	0	5	18	1 yr. H. S.....	14	2	360	380	1,290	420	
14	2	5	20	8th Grade.....	12	2	360	384	1,280	290	
45	0	11	20	8th Grade.....	12	2	360	384	1,350	1,344	
17	2	7	18	1 yr. H. S.....	10	3	216	96	240		
58	3	16	18	8th grade.....	12	2	(*)	(*)	1,950		
38	0	4	18	1 yr. H. S.....	10	3	300	340	1,500		
24	0	1	15	1 yr. H. S.....	11	3	360	340	1,450		
64	4	0	10	2 yrs. H. S.....	10	3	168	186	150		
40	0	9	18	8th Grade.....	11	2	216	210	2,156		
5	20	0	2	18	8th Grade.....	14	2	312	340	770	743
15	0	2	19	2 yrs. H. S.....	12	3	240	264	1,464	1,225	
0	15	0	2	19	2 yrs. H. S.....	12	3	240	264	1,464	1,150

1 First year, men, \$420, women, \$380. Second year, men, \$480, women, \$420.

2 First year, men, \$396, women, \$420. Second year, men, \$492, women, \$420.

3 First year, men, \$345, women, \$364. Second year, men, \$426, women, \$424. Third year, men, \$444, women, \$460.

4 First year, men, \$377, women, \$378. Second year, men, \$426, women, \$426. Third year, men, \$456, women, \$456.

5 First year, men, \$366, women, \$376. Second year, men, \$418, women, \$422. Third year, men, \$452, women, \$452.

6 First year, men, \$336, women, \$334. Second year, men, \$396, women, \$396. Third year, men, \$436, women, \$436.

7 First year, men, \$352, women, \$352. Second year, men, \$412, women, \$412. Third year, men, \$456, women, \$456.

8 First year, men, \$322, women, \$322. Second year, men, \$382, women, \$382. Third year, men, \$422, women, \$422.

9 First year, men, \$306, women, \$306. Second year, men, \$366, women, \$366. Third year, men, \$406, women, \$406.

• Training school suspended during the year 1918.